

Mohd Hafiz Bin Mohammad Zin

Lecturer (FSPU)

Studies of Architecture (SOA)
School of Architecture and Interior Architecture,
College of Built Environment (CBE),
Universiti Teknologi MARA (UiTM),
Bandar Puncak Alam,
42300 Puncak Alam,
Selangor, Malaysia.



hafizzin@uitm.edu.my

Areas of Expertise

Building Daylight, Sustainable Building Design, Housing Design

https://www.researchgate.net/profile/Mohd_Mohammad_Zin2

https://scholar.google.com/citations?view_op=list_works&hl=id&user=S83t3nIAAAAJ

Personal Information

Mohd Hafiz Bin Mohammad Zin
339878
Studies of Architecture (SOA)

Academic Qualifications

PhD in Architecture, 2021, Universiti Kebangsaan Malaysia
Master of Science in Architecture, 2013, Universiti Kebangsaan Malaysia
Bachelor of Architecture (LAM Part 2), 2010, Universiti Kebangsaan Malaysia
Bachelor of Science in Architecture (Hons.) (LAM Part 1), 2008, Universiti Kebangsaan Malaysia

Professional Members

Lembaga Arkitek Malaysia (LAM), Graduate Architect (AG/M 944), Member, 2016-present
Malaysia Boards of Technologists (MBOT), Graduate Technologist (GT24100299), 2024
Lembaga Penilai, Pentaksir, Ejen Harta Tanah & Pengurus Harta (LPPEH), Real Estate Negotiator (REN47624)

Teaching and Learning

1. Master, March 2024, Sustainable Development, Design Thesis I & II
2. Degree, March 2024, Design I
3. Master, Oct 2023, Dissertation, Sustainable Development, Design Thesis I & II
4. Degree, Oct 2023, Design II, Working Drawing & Topical Study
5. Master, March 2023, Dissertation, Sustainable Development, Design Thesis I & II
6. Degree, March 2023, Design II, Working Drawing & Topical Study
7. Master, October 2022, Dissertation, Sustainable Development, Design Thesis I & II
8. Degree, October 2022, Design VI, & Topical Study
9. Master, March 2022, Dissertation, Sustainable Development, Design Thesis I & II
10. Degree, March 2022, Design VI & Topical Study
11. Master, March 2022, Dissertation, Sustainable Development, Design Thesis I & II
12. Degree, March 2022, Design V & Topical Study
13. Master, October 2021, Dissertation, Sustainable Development, Design Thesis I & II
14. Degree, October 2021, Design IV & Topical Study
15. Master, March 2021, Dissertation, Design Thesis I & II
16. Degree, March 2021, Design III, Working Drawing & Topical Study
17. Master, October 2020, Dissertation, Design Thesis I & II
18. Degree, October 2020, Design III, Working Drawing & Topical Study
19. Master, March 2020, Design Thesis I & II
20. Degree, March 2020, Design III, Working Drawing & Topical Study
21. Master, September 2019, Dissertation, Design Thesis I & II
22. Degree, September 2019, Design III, Working Drawing & Topical Study
23. Master, March 2019, Dissertation, Design Thesis I & II
24. Degree, March 2019, Design III, Working Drawing & Topical Study

Student Supervision

Doctorate of Philosophy (PhD)

1. Fazidah Hanim Binti Husain (2017476969), Passive Design Strategies to Improve Daylighting Performance in Shop Offices Building Under Tropical Climate, Ongoing.
2. Che Muhammad Hanif Bin Che Wil @ Ismail (2023281944), The Synergy of Biophilic Design in Multi-Generational Housing Environment Preferences Framework for Malaysia EII-Being & Quality of Life (QoL), Ongoing.
3. Jin Ru (2022260896), The Accessible Residential Design Framework for Transformation of Elderly-Oriented Residential Areas, Ongoing.

Design Thesis (Master of Architecture)

1. Farah Hannani Binti Amran (2023985221), Revitalizing Centralized Living Quarter: Fostering Integration Between Local Villagers and Foreign Worker Communities, Ongoing
2. Amir Iskandar Bin Azizi (2023879866), Roar of the Ceboh: Can Cultural Guardianship Revive Tiger Populations? Indigenous-Led Architecture for Tiger Conservation in Royal Belum, Ongoing.
3. Muhammad Haaziq Zawawi Bin Abdul Aziz (2022698378), Palm Oil Waste Management Centre, October 2023, Completed
4. Syamirul Haziq Bin Mohd Hamzani (2022356273), Maker Space in Kuala Lumpur, October 2023, Ongoing.
5. Nurul Hasina Binti Mohd Fuad (2022169667), Reimagining Chow Kit: Upcycling Urban Intervention, Semester March 2023, Completed
6. Irfan Hadi Bin Mansor (2022936297), Plamo Hub: Discovery Through Edu-Tainment-Logy, Semester March 2023, Completed
7. Aini Az-Zahra Binti Haji Ismail (2021259034), The Apprentice Networking Hub: Start Up for Women Entrepreneur, Semester March 2023, Completed
8. Anis Izwa Bintri Mohd Salleh (2021428256), Little Forest Playland, Kuala Lumpur, Semester March 2023, Completed
9. Adil Imran Bin Fakharuddin (2021572377), Trash Lab House of Upcycling- Exploring the Diversity of Upcycling Potential, Semester August 2022, Completed
10. Muhammad Alif Farhan (2021593159), Marang Eco-Fish-Eco Tourism Centre, Semester August 2022, Completed

11. Muhammad Aiman Bin Salleh Huddin (2020214458), Malaysia's First Center for E-Sports Development and Performance Complex in Kuala Lumpur, Semester March 2022, Completed
12. Edora Binti Mohamad Suhaimi (2020148191), Fabricity: Center for Textile Upcycling Arts In Solaris Dutamas, KL, Semester October 2021, Completed
13. Nur Izwanie Zaihan Binti Omar (2019455988), Architecture by The Riverbank: Mixed-Use Cultural Centre for The Famous Floating Market in Kelantan, Semester March 2021, Completed
14. Siti Nadia Binti Mohamad Daud (2019767673), Digital Library for Community in Cyberjaya, Selangor, Semester October 2020, Completed
15. Anis Asilah Binti Mohd Razuki (2018882218), Proposed Fish-Based Production Institution for Multi-Generational Knowledge Exchange at Tok Bali, Kelantan, Semester March 2020, Completed
16. Haziq Shane Bin Che Hazman Shane (2018849316), Proposed Defense Energy Autarky, A Research and Technology Institution for Client Energy, Semester March 2020, Completed

Dissertation (Master of Architecture)

1. Muhammad Haaziq Zawawi Bin Abdul Aziz (2022698378), Analysis of Pal Oil Waste for Pal Oil Industry Sustainable Improvement in Sri Gading, Batu Pahat, October 2023, Ongoing.
2. Aini Az-Zahra Binti Haji Ismail (2021259034), The Requirement of Spatial Planning Strategies for Fostering Social Capital Women's Apprentice Entrepreneurs Hub, Semester March 2023, Completed.
3. Alia Farina (2021802756), The Characteristic Design Strategies to Enhance Riverfront Facilities for Tourism in Malaysia, Semester August 2022, Completed.
4. Nadhira Akmal Ismil Binti Harun (2020444654), Understanding The Profile and Learning Programs Needed for Street Children Education in Chow Kit, Semester March 2022, Completed.
5. Muhammad Aiman Bin Salleh Huddin (20202114458), Requirements of A Coworking Space for ESports Players to Increase Quality of Performance During Training, Semester October 2021, Completed
6. Edora Binti Mohamad Suhaimi (2020148191), Architectural Upcycling: Building From Waste & Unconventional Materials, Semester March 2021, Completed
7. Anis Asilah Binti Mohd Razuki (2018882218), Open Tech Centre: In Support Technology Based Economic Development, Semester September 2019, Completed
8. Haziq Shane Bin Che Hazman Shane (2018849316), Climate and Context Kinetic Architectural Facades for Tropical Climate, Semester September 2019, Completed

Topical Study (Bachelor of Science in Architecture)

1. Maisarah Nurain Binti Abd Aziz (2021800274), Comparison Study on Public Facilities Efficacy between Low rise and High rise Residential Medium Cost House in Penang, Semester March 2024, Ongoing
2. Nur Fatin Nashira Binti Othman (2022964007), The Effectiveness of 3D Modelling Software in Improving the Building Design Process, Semester March 2024, Ongoing
3. Nurul Addinie Binti Ahmad Zulhizan (2021126797), Malaysia's Housing Design Efficacy amid Floods. Semester October 2023, Completed.
4. Syahmina Izzah Binti Shaharol Nizam (2021829212), The Effect of Human Performance in an Office Based On The Daylighting of The Environmental Design, October 2023, Completed.
5. NurSyamimi Akwa Binti Zaki (2022946727), The Advantages of Adaptive Reuse to the Historical Buildings in Malaysia, Semester August 2023, Completed.
6. Nur Aribah Binti Mohd Noor (2020880066), The Impact of the Atrium Design to the Thermal Comfort Performance in the Shopping Complex, Semester August 2023, Completed.
7. Nur Farisya Ayu Binti Jamaat (2019283258), The Effectiveness of Healing Environment by Natural Lighting and Natural Ventilation Approach Towards Masjid Daing, Johor Bahru, Semester August 2022, Completed.
8. Ameerul Iman Bin Husni (2019209998). The Effect of Implementing Green Housing in Malaysia, Semester August 2022, Completed.
9. Muhammad Syahmizzat Bin Murad (2019309881), A Comparison Study Between Linear and Centralized Atrium Design for Shopping Complex Building In Malaysia, Semester October 2021, Completed
10. Arif Irfan Syafiq Bin Abdul Ghani (2018268086), The Beneficial of Applying Passive Design Strategies On Building In Term of Natural Ventilation, Semester March 2021, Completed
11. Amirul Hafiz Bin Mohd Muzamir (2018671212), The Benefits of Passive Green Architecture Elements to human Comfort, Semester March 2021, Completed
12. Umar Aiman Bin Zainol Azman (2016180011), Preservation of Local Heritage Building in Kuala Lumpur City: Impacts

- of The Environment, Semester October 2020, Completed
13. Nik Nur Athirah Binti Nik Aidi (2017655036), The Advantages and Disadvantages of CAAD Software Toward Architecture Students, Semester March 2020, Completed
 14. Nur Syuhaidah Binti Hamizi (2017442936), The Challenge to Create Building Model in Sketch up Software Among Architecture Student, Semester March 2020, Completed
 15. Nadhira Binti Azman (2016371271), Enhancing Cycle-Oriented Infrastructure Design Within Putrajaya's Urban Context, Semester September 2019, Completed
 16. Nur Afiqah Binti Mohd Sabri (2016188911), The Advantages The Implementation of Sketch up In Achitecture Design Studio, Semester September 2019, Completed
 17. Izzaty Iwani Binti Alwi (2016676812), A Study of Integration BIM In Project Lifecycle Among Architecture Firm In Selangor, Semester September 2019, Completed
 18. Nor Farina Binti Mohd Hussaini (2017905457), The Benefits of BIM Software in Architecture Firm Productivity, Semester March 2019, Completed
 19. Nurul Ainun Nabihah Binti Noor Azman (2016806508), The Learning Environment Affected By The Planning Design of The Studio, Semester March 2019, Completed

Publications

1. A. H. S. Sabri & M. H. M. Zin, 2024. The Impact of Light Shelves to the Daylight Illuminance for Office Building in Malaysia. *International Journal of Research in Engineering and Science (IJRES)* 12(1) : 351 - 357
2. A. F. A. Fairuz & M. H. M. Zin, 2024. Sustainable Design Strategies for Malaysia Mangrove Ecotourism. *International Journal of Research in Engineering and Science (IJRES)* 12(1) : 158-171
3. N. Noh & M. H. M. Zin, 2023. A Comparison Study on Daylight Performance between Bandar Universiti Masjid and Abijo Masjid. *International Journal of Research in Engineering and Science (IJRES)* 11(11) : 117-134
4. M. S. N. Salehuddin & M. H. M. Zin, 2023. Daylighting Simulation for Sustainable Certified Building – Tokyo Golbal Square, Minato City, Japan. *International Journal for Multidisciplinary Research (IJFMR)*. 5(6): 1-16.
5. N. A. I. Harun & M. H. M. Zin, 2023. The Effective Learning Programs for Street Children's Education in Chow Kit, Kuala Lumpur. 11(11): 96-104.
6. F. Hanim, A. A. Aziz, S. A. H. Abas, M. H. M. Zin, A. F. Yusof & I. Anuar. 2023. A Thematic Review on Daylighting Strategies and Its Implementation In Building. *AIP Conference Proceedings*
7. E. M. Suhaimi & M. H. M. Zin. 2022. Architectural Upcycling: Buildings from Waste and Unconventional Materials. *Journal of Architecture, Planning & Construction Management*. 12(1) : 53 - 70
8. A. Z. Ahmad-Saleh, M. F. I. Mohd-Nor & M. H. M. Zin. 2020. Reka Bentuk Fasad dan Identiti Setempat Pada Bangunan Tinggi. *Journal Design + Built*. 13(1) : 127-135
9. M. H. M. Zin, M. Jamil, N. L. N. Ibrahim & A. S. M. Tazilan. 2020. Passive Double Skin Façade (DSF) Basic Components and Functions. *International Journal of Engineering and Advanced Technology (IJEAT)*. 9(3) : 9-15 (Main Author)
10. M. H. M. Zin, M. Jamil, N. L. N. Ibrahim & A. S. M. Tazilan. 2020. Day Lighting Research on Double Skin Façade (DSF). *International Journal of Engineering and Advanced Technology (IJEAT)*. 9(5) : 881-886 (Main Author)
11. M. H. M. Zin, M. Jamil, N. L. N. Ibrahim & A. S. M. Tazilan. 2020. Basic Passive Side-Day lighting Considerations for High Rise Office Building. *International Journal of Engineering and Advanced Technology (IJEAT)*. 9(5) : 78-87 (Main Author)
12. M. H. M. Zin, N. L. N. Ibrahim, M. F. M. Zain & M. Jamil. 2012. The Social and Environmental Roles of Verandah in Tropical Houses. *World Academy of Science, Engineering and Technology (WASET)*. 68(2012) : 1702-1704 (Main Author)
13. M. H. M. Zin & N. L. N. Ibrahim. 2012. Six Basic Elements for Sustainable Building Design. *Australian Journal of Basic and Applied Sciences*. 6(13) : 5-10 (Main Author)

Research Grants and Contracts

1. Ar Mohd AlJeffri Hussin, Kartini Kasmuri, Dr. Mariam Felani Shaari, Muhammad Yasin Ramadhan, Mohd Hafiz Mohammad Zin, 2020, Halatuju Pendidikan Senibina Negara 2030 (HSPN 2030), Researcher.

Consultation & Expertise

Projects:-

1. Bowling Centre at The Strand Mall, Kota Damansara 2024, Project Architect
2. Semi-D Single Storey in Kuala Selangor, 2023, Design Architect
3. Chatime Design at NU Central, Kuala Lumpur, 2023, Design Architect
4. Proposal for Single storey Bungalow in Negeri Sembilan, 2022, Design Architect.
5. Tealive Design in Puncak Alam, 2022, Design Architect
6. House Renovation in Teluk Piai Kuala Selangor, 2022, Design Architect
7. House Renovation in World Wide, 2022, Design Architect
8. Chatime Kiosk in Selangor, 2022, Design Architect
9. Private Clinic Design in Selangor, 2022, Design Architect
10. House Renovation in Bandar Seri Coalfields, 2021, Design Architect
11. Maahad Tahfiz School in Kuala Selangor, 2021, 3D Design Architect
12. House Renovation in Hill Park and Kuala Selangor, 2021, Design Architect
13. Clinic in Sungai Besi, 2020, Design Architect
14. Masjid Al Faizin in Shah Alam, 2020, Design Architect
15. Dental Clinic in Melaka, 2019, Design Architect
16. Semi-D Bungalow Design in Gombak, Rayada, 2019, Design Architect
17. Pusat Tahfiz An Najjah, 2018, Design Architect
18. UTM Jalan Semarak, 2017, Designer
19. Hospital in Khartum Sudan, 2016, 3D Designer

External Panel: -

1. Semester September 2023, Final Year Project, Bachelor of Science in Project and Facility Management with Honours, Open University of Malaysia (OUM).
2. Semester May 2023, Final Year Project, Bachelor of Science in Project and Facility Management with Honours, Open University of Malaysia (OUM).
3. Panel for Portfolio Exam LAM Part I & II, 2023-2024, Lembaga Arkitek Malaysia (LAM)
4. Panel for Integrated Design Project (IDP), 2023-2024, Lembaga Arkitek Malaysia (LAM)

Paper Reviewer: -

1. Journal of Engineering, UKM, September 2024
2. Built Environment Journal, UiTM, September 2024
3. ISCEE 2024, 5th International Symposium on Civil and Environmental Engineering, September 2024
4. Planning Malaysia: Journal of the Malaysian Institute of Planners, July 2023.

Innovation, Commercialization & Entrepreneurial

SUCCOMB UKM, 2010, Researcher

Services & Administration

1. Coordinator CFAP243, SOA, 2024
2. Timetable Coordinator AP243, AP773, SOA, KAB, 2023 & 2024
3. Design Coordinator AP243, CoSA, KAB, 2018– 2022
4. Member Perancangan Strategik, CoSA, KAB, 2019 – 2022
5. Member, Infrastruktur dan Infostruktur KAB, 2019 – Present
6. Member, YRY Competition, CoSA, UiTM, 2023
7. Football Player, CoSA, KAB, 2023
8. Futsal Player, CoSA, KAB, 2023
9. Percussionist for CoSA Band, KAB, UiTM, 2023
10. Member, Design Coordinator AP243, CoSA, MAPSM Accreditation, Uitm, 2022
11. Coordinator Pertandingan dan PAM Liason Education Committee, CoSA, KAB, 2019 – 2020
12. Member Semakan Kurikulum Pusat Pengajian Senibina, CoSA, KAB, 2019 – 2021

13. Member RIBA Accreditation Visit 2019, CoSA, KAB, 2019

Work and Collaboration Experience

Working Experience

1. Part Time Senior & Leader Real Estate Negotiator (REN) REN 47624, 2018-Present, Maxxan Realty Sdn. Bhd.
2. Freelance Architect, 2007 – Present, Half-East Studio.
3. Part Time Lecturer, 2018-2019, UiTM Puncak Alam.
4. Part Time Lecturer, 2018, International University College of Technology TWINTECH, Damansara
5. Part Time Lecturer, 2016-2018, UCSI University College, Kuala Lumpur
6. Part Time Real Estate Negotiator (REN), 2015-2017 Firdaus & Associates Property Professionals (FAPP)
7. Program Leader & Lecturer, 2014-2018, International University College of Technology TWINTECH, Damansara
8. Freelance Architect, 2014-2015, ALK Architect.
9. Part Time Lecturer, 2013, Malaysian Institute of Art (MIA), Malawati, Selangor
10. Freelance Architect, 2011-2013, Akmal Goh Architect
11. Research Assistant, 2010 – 2013, SUCCOMB UKM BANGI
12. Junior Architect, 2010, Design Circle Architect
13. Part Time Assistant Architect, 2007, Norman Ezani Architect (NEA)

Guest Panelist

1. Guest Panelist, 2024, Pre-Thesis Master, Architecture Department, IUUKL, Selangor
2. Guest Panelist, 2023, Year 3 Department of Interior Design, Sunway University Selangor
3. Guest Panelist, 2023, Year 2 (KKAB2118 Reka Bentuk Seni Bina III), UKM Bangi Selangor
4. Guest Panelist, 2020, Studio Design IIIB, IUUKL Bangi Selangor
5. Guest Panelist, 2020, Architecture Design Studio IV, Taylor's University, Subang Jaya
6. Guest Panelist, 2020, Studio Year 3 Sem 1, UCSI, Kuala Lumpur
7. Guest Panelist, 2019, Architecture Design Studio IV, Taylor's University, Subang Jaya
8. Guest Panelist, 2019, Architecture Design Studio III, Taylor's University, Subang Jaya
9. Guest Panelist, 2019, Studio Year 3 Sem 6, UCSI, Kuala Lumpur
10. Guest Panelist, 2019, Studio Year 2 Sem 1, UCSI, Kuala Lumpur
11. Guest Panelist, 2019, Studio Year 1 Sem 2, UiTM, Puncak Alam
12. Guest Panelist, 2019, Studio Year 3, UCSI, TARC, Kuala Lumpur
10. Guest Panelist, 2019, Architecture Final Design Review, Taylor's University, Subang Jaya
11. Guest Panelist, 2018, Architecture Final Design Review, Taylor's University, Subang Jaya
12. Guest Panelist, 2018, Studio 1,2,3 & 4, UCSI, Kuala Lumpur
13. Guest Panelist, 2018, Studio Year 3 Semester 5, Taylor's University, Subang Jaya
14. Guest Panelist, 2018, Studio Year 3 Semester 6, Taylor's University, Subang Jaya
15. Guest Panelist, 2018, Studio Year 3 Sem 6, UCSI, Kuala Lumpur
16. Guest Panelist, 2018, Studio Year 2 Sem 1, UCSI, Kuala Lumpur
17. Guest Panelist, 2015, Studio Design III, IUUKL Bangi Selangor

Jury Panelist

1. Jury, 2023, Kolej Pengajian Pengkomputeran, Informatik dan Matematik UiTM Cawangan Kelantan Kampus Machang
2. Jury, 2024, E Poster, Pengajian Topikal, Architecture Department & Built Environment, UKM, Bangi.

Awards & Recognitions

1. Design Drawing & Communication, Bronze Award, UiTM, The International E-Content Development Competition 2023 (Econdev 2023)
2. NYDPA, UiTM, 2021, Supervisor.
3. NYDPA International University College of Technology TWINTECH, 2016, Coordinator
4. NYDPA International University College of Technology TWINTECH, 2015, Coordinator
5. Third Prize, UKM Alumni House Design Competition, 2012, Participant
6. Architecture Design Competition 2008 Uruguay, 2008, Participant

Other Activities

1. Gala Night Dinner Jalan Kembali, SOA Band
2. KLAF 2023, 2023, Percussionist CoSA Band