



Fakulti
Senibina,
Perancangan
dan Ukur

Academic Curriculum Vitae

Mohd Hafiz Bin Mohammad Zin (Dr)

Lecturer (FSPU)

Centre of Studies for Architecture
Faculty of Architecture, Planning and Surveying
Universiti Teknologi MARA,
40450 Shah Alam,
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Areas of Expertise

Building Daylight, Sustainable Building Design, Housing Design

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Personal Information

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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
-Lembaga Penilai, Pentaksir, Ejen Harta Tanah & Pengurus Harta (LPPEH), Real Estate Negotiator (REN47624)

Teaching and Learning

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

Student Supervision

Design Thesis (Master of Architecture)

1. Muhammad Haaziq Zawawi Bin Abdul Aziz (2022698378), Palm Oil Waste Management Centre, October 2023, Ongoing.
2. Syamirul Haziq Bin Mohd Hamzani (2022356273), Maker Space in Kuala Lumpur, October 2023, Ongoing.
3. Nurul Hasina Binti Mohd Fuad (2022169667), Reimagining Chow Kit: Upcycling Urban Intervention, Semester March 2023, Completed
4. Irfan Hadi Bin Mansor (2022936297), Plamo Hub: Discovery Through Edu-Tainment-Logy, Semester March 2023, Completed
5. Aini Az-Zahra Binti Haji Ismail (2021259034), The Apprentice Networking Hub: Start Up for Women Entrepreneur, Semester March 2023, Completed
6. Anis Izwa Bintri Mohd Salleh (2021428256), Little Forest Playland, Kuala Lumpur, Semester March 2023, Completed
7. Adil Imran Bin Fakharuddin (2021572377), Trash Lab House of Upcycling- Exploring the Diversity of Upcycling Potential, Semester August 2022, Completed
8. Muhammad Alif Farhan (2021593159), Marang Eco-Fish-Eco Tourism Centre, Semester August 2022, Completed
9. Muhammad Aiman Bin Salleh Huddin (2020214458), Malaysia's First Center for E-Sports Development and Performance Complex in Kuala Lumpur, Semester March 2022, Completed
10. Edora Binti Mohamad Suhaimi (2020148191), Fabricity: Center for Textile Upcycling Arts In Solaris Dutamas, KL, Semester October 2021, Completed
11. 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
12. Siti Nadia Binti Mohamad Daud (2019767673), Digital Library for Community in Cyberjaya, Selangor, Semester October 2020, Completed
13. Anis Asilah Binti Mohd Razuki (2018882218), Proposed Fish-Based Production Institution for Multi-Generational Knowledge Exchange at Tok Bali, Kelantan, Semester March 2020, Completed
14. 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. Nurul Addinie Binti Ahmad Zulhizan (2021126797), Malaysia's Housing Design Efficacy amid Floods. Semester October 2023, Ongoing.
2. Syahmina Izzah Binti Shaharol Nizam (2021829212), The Effect of Human Performance in an Office Based On The Daylighting of The Environmental Design, October 2023, Ongoing.
3. NurSyamimi Akwa Binti Zaki (2022946727), The Advantages of Adaptive Reuse to the Historical Buildings in Malaysia, Semester August 2023, Completed.
4. 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.
5. 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.
6. Ameerul Iman Bin Husni (2019209998). The Effect of Implementing Green Housing in Malaysia, Semester August 2022, Completed.
7. Muhammad Syahmizzat Bin Murad (2019309881), A Comparison Study Between Linear and Centralized Atrium Design for Shopping Complex Building In Malaysia, Semester October 2021, Completed
8. 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
9. Amirul Hafiz Bin Mohd Muzamir (2018671212), The Benefits of Passive Green Architecture Elements to human Comfort, Semester March 2021, Completed
10. Umar Aiman Bin Zainol Azman (2016180011), Preservation of Local Heritage Building in Kuala Lumpur City: Impacts of The Environment, Semester October 2020, Completed
11. Nik Nur Athirah Binti Nik Aidi (2017655036), The Advantages and Disadvantages of CAAD Software Toward Architecture Students, Semester March 2020, Completed
12. Nur Syuhaidah Binti Hamizi (2017442936), The Challenge to Create Building Model in Sketch up Software Among Architecture Student, Semester March 2020, Completed
13. Nadhira Binti Azman (2016371271), Enhancing Cycle-Oriented Infrastructure Design Within Putrajaya's Urban Context, Semester September 2019, Completed
14. Nur Afiqah Binti Mohd Sabri (2016188911), The Advantages The Implementation of Sketch up In Architecture Design Studio, Semester September 2019, Completed
15. Izzaty Iwani Binti Alwi (2016676812), A Study of Integration BIM In Project Lifecycle Among Architecture Firm In Selangor, Semester September 2019, Completed
16. Nor Farina Binti Mohd Hussaini (2017905457), The Benefits of BIM Software in Architecture Firm Productivity, Semester March 2019, Completed

17. Nurul Ainun Nabihah Binti Noor Azman (2016806508), The Learning Environment Affected By The Planning Design of The Studio, Semester March 2019, Completed

Publications

1. 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
2. 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.
3. 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.
4. 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 Preceedings
5. 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
6. 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
7. 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)
8. 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)
9. 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)
10. 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)
11. 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. Design Proposal for Semi-D Single Storey in Kuala Selangor, 2023, Design Architect
2. Bungalow Design in Tanjong Karang, 2023, Design Architect
3. Richiamo Design at MRT Pasar Seni, Kuala Lumpur, 2023, Design Architect
4. Chatime Design at NU Central, Kuala Lumpur, 2023, Design Architect
5. Proposal for Single storey Bungalow in Negeri Sembilan, 2022, Design Architect.
6. Tealive Design in Puncak Alam, 2022, Design Architect
7. House Renovation in Teluk Piai Kuala Selangor, 2022, Design Architect
8. House Renovation in World Wide, 2022, Design Architect
9. Chatime Kiosk in Selangor, 2022, Design Architect
10. Private Clinic Design in Selangor, 2022, Design Architect
11. House Renovation in Bandar Seri Coalfields, 2021, Design Architect
12. Maahad Tahfiz School in Kuala Selangor, 2021, 3D Design Architect
13. House Renovation in Hill Park and Kuala Selangor, 2021, Design Architect

14. Clinic in Sungai Besi, 2020, Design Architect
15. Masjid Al Faizin in Shah Alam, 2020, Design Architect
16. Dental Clinic in Melaka, 2019, Design Architect
17. Semi-D Bungalow Design in Gombak, Rayada, 2019, Design Architect
18. Pusat Tahfiz An Najjah, 2018, Design Architect
19. UTM Jalan Semarak, 2017, Designer
20. 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, Lembaga Arkitek Malaysia (LAM)
4. Panel for Integrated Design Project (IDP), 2023, Lembaga Arkitek Malaysia (LAM)

Innovation, Commercialization & Entrepreneurial

SUCCOMB UKM, 2010, Researcher

Services & Administration

1. Timetable Coordinator AP243, AP773, SOA, KAB, 2023
2. Design Coordinator AP243, CoSA, KAB, 2018– 2022
3. Member Perancangan Strategik, CoSA, KAB, 2019 – 2022
4. Member, Infrastruktur dan Infostruktur KAB, 2019 – Present
5. Member, YRY Competition, CoSA, UiTM, 2023
6. Football Player, CoSA, KAB, 2023
7. Futsal Player, CoSA, KAB, 2023
8. Percussionist for CoSA Band, KAB, UiTM, 2023
9. Member, Design Coordinator AP243, CoSA, MAPSM Accreditation, Uitm, 2022
10. Coordinator Pertandingan dan PAM Liason Education Committee, CoSA, KAB, 2019 – 2020
11. Member Semakan Kurikulum Pusat Pengajian Senibina, CoSA, KAB, 2019 – 2021
12. 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, 2023, Year 3 Department of Interior Design, Sunway University Selangor
2. Guest Panelist, 2023, Tahun 2 (KKAB2118 Reka Bentuk Seni Bina III), UKM Bangi Selangor
3. Guest Panelist, 2020, Studio Design IIIB, IUKL Bangi Selangor
4. Guest Panelist, 2020, Architecture Design Studio IV, Taylor's University, Subang Jaya
5. Guest Panelist, 2020, Studio Year 3 Sem 1, UCSI, Kuala Lumpur
6. Guest Panelist, 2019, Architecture Design Studio IV, Taylor's University, Subang Jaya
7. Guest Panelist, 2019, Architecture Design Studio III, Taylor's University, Subang Jaya
8. Guest Panelist, 2019, Studio Year 3 Sem 6, UCSI, Kuala Lumpur
9. Guest Panelist, 2019, Studio Year 2 Sem 1, UCSI, Kuala Lumpur
10. Guest Panelist, 2019, Studio Year 1 Sem 2, UiTM, Puncak Alam
11. 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, IUKL Bangi Selangor

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

Contribution to Society

1. Melawati Hill FC, 2023
2. Pendawa FC, 2021
3. Bucu Padang FC, 2018
4. Drum Simfoni in KL PAC, 2013, Percussionist
5. Cempaka Drum Circle, 2010, Percussionist
6. Tugu Drum Circle, 2008, Percussionist

Other Activities

1. Gala Night Dinner Jalan Kembali, Drummer, SOA Band
2. KLAF 2023, 2023, Percussionist CoSA Band
3. Musical Festival, KL PAC, 2014, Percussionist
4. Sports Program in TV2, 2011, Percussionist
5. Drum Simfoni for Nasi Lemak Kopi O, 2011, Percussionist
6. Acoustic Musical Competition in UiTM Shah Alam, 2010, Percussionist

7. Malaysia Hari Ini (MHI) TV3, 2010, Percussionist
8. Anugerah Juara Lagu (AJL23) for Aiman Akademi Nasyid, 2009, Percussionist
9. Architectural Workshop Olimpiarque in UTM, 2007, Head Delegate
10. Firazat Inzar Nasyid Group, 2005 – 2010, Percussionist