



UNIVERSITI  
TEKNOLOGI  
MARA

College of  
Built  
Environment  
(CBE)

## Academic Curriculum Vitae

### **SITI HAFSAH BT ZULKARNAIN (Sr, Ts, Dr)**

Senior Lecturer

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### **Areas of Expertise**

Property Valuation, Property Management and Disaster Management (Flood)

<https://expert.uitm.edu.my/profile>

<https://prisma.uitm.edu.my/prisma/>

[https://www.researchgate.net/profile/Siti\\_Zulkarnain](https://www.researchgate.net/profile/Siti_Zulkarnain)

<https://www.webofscience.com/wos/author/record/HJA-6861-2022>

<https://www.scopus.com/authid/detail.uri?authorId=41662589900>

<https://scholar.google.com/citations?user=WSXBa8EAAAAJ&hl=en&oi=ao>

<https://publons.com/researcher/4170728/siti-hafsah-zulkarnain/>

<https://orcid.org/0000-0002-7486-6646>

### **Personal Information**

Siti Hafsaht Zulkarnain

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Centre of Studies for Estate Management

College of Built Environment

Universiti Teknologi MARA (UiTM), Shah Alam

### **Academic Qualifications**

Doctor of Philosophy (2021), Universiti Teknologi Malaysia (Joint Supervision University of Tsukuba, Japan)

Master's in Real Estate (2000), Universiti Teknologi Malaysia (UTM)

B. Surv. Property Management (1998), Universiti Teknologi Malaysia (UTM)

Diploma in Valuation (1996), Universiti Teknologi Malaysia (UTM)

## Professional Members

1. Board of Valuers, Appraisers, Estate Agent and Property Managers (BOVEAP), Registered Property Manager (PM 2557), since 2019
2. Royal Institution of Surveyors Malaysia (RISM), Member (M 4522), since 2010.
3. Malaysian Institute of Property and Facility Managers (MIPFM), Member (PM 0617), since 2016.
4. Malaysia Board of Technologist (MBOT), Professional Technologist (Ts), Member since 2018.

## Teaching and Learning

1. Master's degree (2020 - Present), Real Estate Market and Policies (EMS 719), Lecture.
2. Master's degree (2020 - 2022), Real Estate Policies and Legal Aspects (EMT 719), Lecture.
3. Bachelor's degree (2009 – 2020), Building Services (RES 557), Lecture & Tutorial.
4. Bachelor's degree (2009 – Present), Research Methodology and Computer (RES 510), Lecture.
5. Bachelor's degree (2008 - 2009), Law of Property I (EMT 419), Lecture and Tutorial.

## Student Supervision

### Master's degree (Coursework)

1. Nur Adibah bt Abd Samat (2021809914), The influence factors towards Abandoned Housing Project (ongoing)
2. Khairul Radzi bin Zainal (2020197003), *Factors Affecting House Price in Sepang, Selangor* (Ongoing).
3. Nur Aliah Maisarah bt Mahazir (2021332651), *Factor that influence occupants satisfaction on maintenance and management services in strata high-rise building*, Completed (August, 2022).
4. Sr Ishak bin Yahya (2015184915), *The relationship of Public Safety Zone (PSZ) Towards Residential Properties Value. Case study: Kuala Lumpur International Airport (KLIA)*, Completed (2018).

### Bachelor's degree

1. Ahmad Haiqal bin Abd Aziz (2020609118), The factor influences of unsold properties for strata buildings in Selangor, Ongoing.
2. Wan Abdul Muiz bin Wan Zainuddin (2020866518), The Effect of technology advancement towards real estate market in Selangor, Ongoing.
3. Amiratul Afifah bt Mohd Zahari (2020495584), Identifying the causes of consumer demand for real estate housing, Ongoing.
4. Nurkhairina Maswa bt Ahmad Rithauddin (2020609018), Challenges of low and middle income household in purchasing housing property, Ongoing.
5. Ainur Amani bt Kamarul Halim Azuar (2020834102), The effect of implementation digital technology towards real estate marketing in subsales property in Johor Bahru, Ongoing.
6. Nurfatin Najwa bt Zainudin (2020819266), The challenges in managing high-rise building in Cameron Highlands, Ongoing.
7. Nurul Athirah bt Mohd Alias (2020878306), Residential property market performances amidst COVID-19 outbreak in Shah Alam, Selangor, Ongoing.
8. Dessy Eroy Anak Clement Iman (2020963319), User's satisfaction level towards facilities provided at Sibul Airport, Sarawak, Ongoing.
9. Deanna Nur Izdihar bt Danil (2020995243), *Housing Preferences of Homebuyers*, Ongoing.

10. Nur Fatimah bt Jamaludin (2019416436), *The Comparison of High-Rise Residential Management System between Malaysia and Other Countries*, Completed (August 2022).
11. Nur Ayuni Fatimah bt Hakemi (2019268408), *The Impact of COVID-19 towards Malaysian Real Estate Investment Trust (M-REIT)*, Completed (August 2022).
12. Nur Hanis bt Abd Halim (2019805392), *The Impact of Public Transport Facilities on Value of Residential Property in Subang Jaya*, Completed (August 2022).
13. Nur Aina Hasani bt Mohd Razmi (2019208278), *The Affordability Housing Policy on Issues and Challenges among the Middle-Income Groups*, Completed (August 2022).
14. Nur Ain Azzahra bt Mohamad Nor (2019612476), *Analysis of Home Buyer's Preferences Based on Buyer's Income in Hulu Terengganu*, Completed (August 2022).
15. Muhammad Syafiq Bin Mohd Dan (2019704477), *Tenant Satisfaction on Property Management Activities in Apartment (Case Study: Laguna Biru Apartment, Rawang)* Completed (February 2022).
16. Noor Shafiqah Idayu binti Jilis (2019563931), *Factors Affecting Purchasing Decision of Residential House (Case Study: Shah Alam, Selangor)*, Completed (February 2022).
17. Muhammad Zulhilmi bin Abdul Rahman (2019591285), *The Influence of Covid-19 on Retail Outlet*, Completed (February 2022).
18. Niam Hadidah bt Radvan (2019591511), *The Factors That Influence Homeownership Trends During Pandemic Covid-19 (Case Study: Sandakan Sabah)*, Completed (February 2022).
19. Mohamad Hazim bin Mohd Hisam (2018298808), *The Impact of Covid-19 towards the Management of Office Building*, Completed (August 2021).
20. Amirah Nur Izzati bt Azram (2018254286), *The Impact of Covid-19 towards Customer Behaviour in Retails Buildings*, Completed (August 2021).
21. Nazliyatul Aryani bt Ab Rahman (2018639152), *The Preparedness of Retail Property Management in Facing Pandemic Covid-19*, Completed (August 2021).
22. Ainul Zafirah bt Azami (2018641836), *The Impact of COVID-19 to the Hotel Sector (Case study: Mudzaffar Hotel Melaka)*, Completed (August 2021)
23. Muhammad Hezrill bin Mohd Wari (2017929171), *Factor need to overcome to Regain Customer Trust towards AirBnb in Kuala Lumpur*, Completed (February 2021)
24. Nurisham bt Basir (2017334097), *Housing Affordability Stress among Young Starter in Shah Alam*, Completed (February 2021)
25. Noor Afika bt Ahmad (2017182937), *Lack of Family Friendly Facilities in shopping mall in Shah Alam*, Completed (February 2021).

## Publications

### Journal / Conference Proceeding

1. Zulkarnain, S. H., Alias, M. A. M., Hasan, Z., Mat, M. K., & Nawawi, A. S. (2022). Impact of COVID19 towards Hotel Industry in Malaysia. *Journal of Management Analytical and Solution*, 2(3), 1-7.
2. Zulkarnain, S. H., & Razali, M. N. (2022). *The Delphi method to identify attributes for a valuation approach for residential property exposed to flood risk property*. Journal of Property Management, Emerald Publishing Limited. <https://doi.org/10.1108/PM-10-2020-0067>. **(WOS / Scopus - Q3)**
3. Razali, M. N., Othman, S. H., Jamaludin, A. F., Adi Maimun, N. H., Abdul Jalil, R., Mohd. Adnan, Y., & Zulkarnain, S. H. (2021). *Big Data Analytics for Preventive Maintenance Management. Planning Malaysia*, 19(17). <https://doi.org/10.21837/pm.v19i17.1019> **(Scopus - Q2)**
4. Zulkarnain, S. H., Tsujimura M, Yuzir, M. A., Razali, M. N., & Tarmidi, Z. (2020). *A review on climate change (floods) and economic attributes response to residential property value in Malaysia*. Journal of Water and Climate Change (JWCC). doi: 10.2166/wcc.2019.044. **(Scopus - Q2)**.
5. Zulkarnain, S. H., Yuzir, M. A., Razali, M. N., & Tarmidi, Z. (2020). Structural, Locational and Environmental Attributes effects the Residential Property Value in Flood Risk Area. *IOP Conference Series: Earth and Environmental Science*, 479(1). <https://doi.org/10.1088/1755-1315/479/1/01201>. **(Scopus)**.

6. Zulkarnain, S. H., Muhammad Yuzir, M. A., Razali, M. N., & Tarmidi, Z. (2019). *Flood Hazard Information Map Using Geographical Information System (GIS) For Residential Community Resilience*. *Environment-Behaviour Proceedings Journal*, 4(10), 149. <https://doi.org/10.21834/e-bpj.v4i10.1632>. **(WOS)**.
7. Zulkarnain, S. H., Muhammad Yuzir, M. A., Razali, M. N., & Tarmidi, Z. (2019). *Identifying The Economic Attributes Factors In Determining The Impact Of Flood Towards Residential Property Valuation*. Universiti Teknologi Malaysia. (2019). 4 th International Conference on Water Resources, page. 519 - 529.
8. Zulkarnain, Siti Hafsah, Maki Tsujimura, Muhamad Ali Yuzir, Muhammad Najib Razali, and Zakri Tarmidi (2019). "Determination of Residential Property Value in Flood Risk Area." In *Developing New Frontiers for the African Real Estate Sector: the 19th Annual AfRES Conference*. AfRES. Arusha, Tanzania: African Real Estate Society.
9. Razali, M. N., Zulkarnain, S. H., Tarmidi, Z., Adi Maimun, N. H., Mohd. Adnan, Y., & Yuzir, M. A. (2018). *Property market price response to flood-hazard*. *Natural Hazards*, Springer. <https://doi.org/10.1007/s11069-018-3495-5> **(WOS / Scopus - Q1)**
10. Zulkarnain, S. H., Ali, M., Yuzir, M., Najib, M., & Razali, M. (2018). *A Conceptual Framework of Determining the Property Value Using Economic Valuation Method Towards Floods Disaster*. *Advance in Economics, Business and Management Research (AEBMR)*, Volume 46.
11. Siti Hafsah Zulkarnain, Nor Hanisah Mohd Hashim, Sharifah Khalizah Syed Othman Thani, Ahmad Nazrin Aris Anuar, Firdaus Chek Sulaiman and Wan Hazwatiamani Wan Ismail (2017): *Ideation of the Crime Prevention Through Environmental Design (CPTED) Approach in Designing Safe Campus, Proceeding of International Conference on Governance, Management and Social Innovation*, 16-17 October 2017.
12. Siti Hafsah Zulkarnain, Nor Hanisah Mohd Hashim, Wan Hazwatiamani Wan Ismail, Sharifah Khalizah Syed Othman Thani, Ahmad Nazrin Aris Anuar, and Firdaus Chek Sulaiman (2017): *A Conceptual Study on Crime Prevention Through Environmental Design (CPTED) In Public Parks in Malaysia*.
13. Samad Bin Nawawi, A., Siti Hafsah, S. R., & Zulkarnain, B. T. (2016). *Asset Price Bubble-Causes And Implication: A Malaysian Experience* (Best Paper Award)
14. Samad Nawawi, A., Siti Hafsah Zulkarnain, S. B., Teknologi MARA, U., & Alam, S. (2016). *Efforts To Leverage Business Competitiveness: An Analysis Towards Malaysia's SME's*.
15. Mukelas, M. F. M., Zawawi, E. M. A., Kamaruzzaman, S. N., Ithnin, Z., & Zulkarnain, S. H. (2012). A review of critical success factors in building maintenance management of local authority in Malaysia. In *ISBEIA 2012 - IEEE Symposium on Business, Engineering and Industrial Applications*. <https://doi.org/10.1109/ISBEIA.2012.6422970>. **(WOS / Scopus)**.
16. Mustafa, N. K. F., Johar, S., Ahmad, A. G., Zulkarnain, S. H., Rahman, M. Y. A., & Che Ani, A. I. (2011). Conservation and repair works for traditional timber mosque in Malaysia: A review on techniques. *World Academy of Science, Engineering and Technology*, 77. **(Scopus)**.
17. Zawawi, E. M. A., Kamaruzzaman, S. N., Ithnin, Z., & Zulkarnain, S. H. (2011). A conceptual framework for describing CSF of building maintenance management. In *Procedia Engineering* (Vol. 20). <https://doi.org/10.1016/j.proeng.2011.11.145> **(WOS / Scopus)**.
18. Zulkarnain, S. H., Zawawi, E. M. A., Rahman, M. Y. A., & Mustafa, N. K. F. (2011). A review of critical success factor in building maintenance management practice for university sector. *World Academy of Science, Engineering and Technology*, 77. **(Scopus)**.
19. Siti Hafsah Zulkarnain, Suriyana Mustafar, N. M. M. (2011). Property Development Joint Venture in Malaysia. *The Professional Journal of Royal Institution of Surveyors Malaysia*, 46(3), 26–35.
20. Nur Khairul Faizah Mustafa, Jun Aida Tasirin, Siti Hafsah Zulkarnain, Adi Irfan Che Ani (2010), *Knowledge Sharing in Conducting Building Condition Survey and Assessment for Sub-sale Housing Properties*, The 17th Annual Conference of the European Real Estate Society (ERES) 2010, Università Bocconi, Milan, Italy. 23-26 June 2010.
21. Siti Hafsah Zulkarnain, Suriyana Mustafar, Nur Medeena Mahamood, Kholim Sahray and Mohd Yunus A. Rahman (2010), *The Implementation of Joint Venture in Development Project Between Land Owner & Private Developer in Malaysia*, *International Journal of Arts & Sciences (IJAS)* Mediterranean Conference for Academic, University of Malta, 14 - 18 February 2010.

22. Mustafa, Nur Khairul Faizah, Siti Hafshah Zulkarnain, and Mohd Yunus A. Rahman (2009), "*Comparative Study on Refurbishment Project Process of Government and Non Government Organisation in Malaysia*." In *16th Annual European Real Estate Society Conference*. ERES: Conference. Stockholm, Sweden, 24-27 June, 2009.
23. Siti Hafshah Zulkarnain, Mohd Zulakhmar Zakiyudin, Mohamad Syazli Fathi (2008), *Bridging the Gap Between Knowledge Management and Property Management: Moving from Performance Measurement to Performance Management*, Applied International Business Conference, Universiti Malaysia Sabah, 6-8 November 2008.

#### Book Publication:

1. Siti Hafshah Zulkarnain (2022), *Tiga Sekawan Bina Empayar Dodi Duck, Usahawan DNA UiTM*, Penerbit UiTM (ISBN: 978-967-363-842-0).
2. Kementerian Pengajian Tinggi (2021), *Usahawan Siswa: Memeta Haluan, Melakar Jaya*, Penerbit UMK (ISBN: 978-967-2912-70-5).
3. Razali, M. N., Zulkarnain, S. H., & Tarmidi, Z. (2021). *The Impact of Flood Hazard on Residential Property Price*. In N. E. Alias, M. R. M. Haniffah, & S. Harun (Eds.), *Water Management and Sustainability in Asia* (Vol. 23, pp. 3–11). Emerald Publishing Limited. <https://doi.org/10.1108/S2040-726220210000023007> **(WOS / Scopus)**.
4. Siti Hafshah Zulkarnain (2021), *Impact of Flood in Residential Valuation Practice (Book Chapter: Contemporary Housing Issues)*, Penerbit UTHM (ISBN: 978-967-2975-47-2).
5. Muhammad Najib Razali, Rohaya Abdul Jalil, Siti Hafshah Zulkarnain (2021), *Detecting Housing Bubbles in Malaysia* (Book Chapter: Contemporary Housing Issues, Penerbit UTHM (ISBN: 978-967-2975-47-2).
6. Irini Ibrahim, Siti Hafshah Zulkarnain (2020), *Introduction to Law in Built Environment*, Malaha PLT (ISBN: 978-967-2425-06-2).
7. Siti Hafshah Zulkarnain, Alice Rozianne Abdul Aziz, Irini Ibrahim (2020), *10 Panduan Asas Beli Rumah*, Malaha PLT (ISBN: 978-967-2424-02-4)
8. Siti Hafshah Zulkarnain, *Integration of Disaster Management Towards Sustainable Housing and Community Redevelopment* (Sustainable and Green Property Management: Book Chapter), UTM Press (ISBN: 978-983-52-1672-5).
9. Hafazah Abdul Karim, Siti Hafshah Zulkarnain, Abdul Hadi Nawawi, *Kerjaya Dalam Bidang Alam Bina*, 2019, Pekan Ilmu Publication Sdn. Bhd. (ISBN: 978-967-438-054-0).
10. Ministry of Higher Education Malaysia (2016), *Garis Panduan Pembangunan Mahasiswa Kolej Kediaman, IPT*, 2016.

#### Newspaper / online publication:

1. Siti Hafshah bt Zulkarnain, *Teknologi roket pembenihan awan* (Sinar Harian, 22 Ogos 2022).
2. Siti Hafshah bt Zulkarnain, *Revolusi konsep kongsi ruang kerja* (Sinar Harian, 4 April 2022).
3. Siti Hafshah bt Zulkarnain, *Krisis bencana kediaman kondominium*, (Berita Harian, 31 Januari 2022).
4. Siti Hafshah bt Zulkarnain, *Penggunaan dron paling efisien pantau, ukur tahap risiko banjir*, (Berita Harian, 8 Januari 2022).
5. Siti Hafshah bt Zulkarnain, *Banjir beri impak nilai hartanah* (Sinar Harian, 27 Disember 2021).
6. Siti Hafshah bt Zulkarnain & Mohd Azuan Mohd Alias, *Daging salai Standard Taste raih anugerah Perusahaan Graduan Terbaik Kementerian Pengajian Tinggi* (Dagangnews.com, 25 Disember 2021).
7. Abdol Samad bin Nawawi & Siti Hafshah bt Zulkarnain, *Manfaat peluang RMK-12 tingkat keupayaan Melayu, Bumiputera*, (Berita Harian, 22 Disember 2021).
8. Siti Hafshah bt Zulkarnain & Zakiah Hasan, *Terapkan jiwa, hati dan minda keusahawanan dalam kalangan mahasiswa UiTM*, (Dagangnews.com, 13 Disember 2021).
9. Siti Hafshah bt Zulkarnain & Md. Faizul Khalid, *Graduan UiTM manfaatkan platform e-dagang MOHE X SHOPEE: Siswa Mall*, (Dagangnews.com, 26 November 2021).
10. Siti Hafshah bt Zulkarnain & Mustafa Kamal Mat, *Manfaat dan Mudarat ECRL* (Dagangnews.com, 12 November 2021).

11. Siti Hafshah bt Zulkarnain, *Usahawan milenial perlu elak budaya hidup mewah untuk berjaya* (Dagangnews.com, 2 November 2021).
12. Siti Hafshah bt Zulkarnain, *Dron dalam industri harta tanah* (Sinar Harian, 1 November 2021).
13. Siti Hafshah bt Zulkarnain, *Bajet 2022: Tiada lagi bayaran cukai keuntungan harta tanah* (Dagangnews.com, 1 November 2021).
14. Siti Hafshah bt Zulkarnain, *UiTM kearah penciptaan pekerjaan berteraskan teknologi dron* (Dagangnews.com, 28 Oktober 2021).
15. Siti Hafshah bt Zulkarnain, *Siswa disaran terokai keusahawanan sebagai alternatif kerjaya* (Dagangnews.com, 10 September 2021).
16. Siti Hafshah bt Zulkarnain, *Biz-meet, Business Boot-camp inisiatif MASMED lahirkan siswa UiTM berciri keusahawanan* (Dagangnews.com, 23 Ogos 2021)
17. Siti Hafshah bt Zulkarnain, *MASMED sediakan dana biaya lahirkan usahawan dalam kalangan siswa UiTM* (Dagangnews.com, 21 Ogos 2021)
18. Siti Hafshah bt Zulkarnain, *Transformasi suasana pembelajaran era Covid-19* (Sinar Harian online, 19 November 2020).
19. Siti Hafshah bt Zulkarnain, *Belanjawan 2021 vs. Penjana; Pelbagai strategi pemulihan pasaran harta tanah Malaysia akibat Covid-19* (Sinar Harian online, 12 November 2020).
20. Siti Hafshah bt Zulkarnain, *Pesta Hanami di sambut meriah pelajar Malaysia di Jepun* (Utusan Online, 8 April 2019).
21. Muhammad Najib Razali, Siti Hafshah bt Zulkarnain, *Tubuh Badan Bebas Tangani Isu Rumah Mampu Milik* (Utusan Online, 27 Mac 2019).

## Research Grants and Contracts

1. Noraini bt Omar, Rabieahtul bt Abu Bakar, Siti Kartina bt Juhari, Roslina bt Idris, Siti Hafshah bt Zulkarnain, Projek Penyelidikan Dana National Real Estate Research Coordinator (NAPREC) di bawah Rancangan Malaysia ke 12 (Fasa 2), Institut Penilaian Negara (INSPEN), *"Flexibility in Land Use Decision Making Towards Food Security"*, Jan 2023 – Jan 2024 (RM 52,000).
2. Ritha F Dalimunthe, Elisabet Siahaan, Hairani Siregar, Meutia Naully, Sari Lenggogeni, Dede Ruslan, Siti Hafshah Zulkarnain, Program World Class University (WCU USU) 2022, Penelitian Pembentukan Kluster Keilmuan (Sumber Daya Manusia dan Wirausaha Perempuan), Fakultas Ekonomi dan Bisnis, Universitas Sumatera Utara (USU), November 2022 – April 2023, IDR 44.500.000.
3. Mohamad Zakri bin Tarmidi, Muhammad Najib bin Mohamed Razali, Noordiyana bt Hassan, Noorsidi Aizuddin bin Mat Noor, Nik Norasma bt Che'ya, Siti Hafshah bt Zulkarnain, 2018-2020, *Penghasilan Peta bagi Menilai Tahap Kemampunan Rumah Mampu Milik di Malaysia*, Geran Penyelidikan (GUP Tier1), RM 50,000.
4. Siti Hajar Othman, Muhammad Najib bin Mohamed Razali, Yasmin Mohd Adnan, Siti Hafshah bt Zulkarnain, 2018-2019, *Identification of Business Intelligence in Managing Big Data for Property Management* (NAPREC – VOT R.JI30000.7328.48343), RM 50,000.
5. Siti Hafshah bt Zulkarnain, Nor Hanisah bt Mohd Hashim, Sharifah Khalizah bt Syed Othman, Ahmad Nazrin Aris bin Anuar, Firdaus bin Chek Sulaiman, 2017-2019, *Identification of Crime Preventive Through Environmental Design (CPTED) in Urban Park, Shah Alam Selangor*, Dana Lestari, UiTM - RM20,000 (Project Code: 101313160018).
6. Emma Marinie bt Ahmad Zawawi, Zarina Ithnin, Syahrul Nizam bin Kamaruzzaman, Siti Hafshah bt Zulkarnain, *Critical Success Factor for Best Maintenance Management Practice – Development of Process and Procedure* (FRGS), 2010-2012, RM 48,000.

## Consultation & Expertise

1. Lecturer, Institut Penilaian Negara (INSPEN), Executive Mode: Professional Certificate of Estate Agency (Cohort 12), Principles of Economics (CEA 1033), January – April 2023.
2. Examiner, Institut Penilaian Negara (INSPEN), Executive Mode: Professional Certificate of Estate Agency (Cohort 12), Principles of Economics (CEA 1033), 6 January 2023.
3. Guest Lecture, Master's in Management: Management Issues and Challenges, Faculty of Economic and Business, Universitas Sumatera Utara (USU), Indonesia, 3 & 10 December 2022.
4. Speaker, Community Development Workshop: "Engaging key stakeholders to ensure community participation in community development taking a lesson from Malaysia experience", Universitas Airlangga, 24<sup>th</sup> November 2022.
5. Keynote Speaker: "Digital Literacy for Students towards Society 5.0: Understanding Sociotechnopreneurship", Universitas Buana Perjuangan Karawang, Indonesia, 19 November 2022.
6. Jury: Creative, Innovative, Invention, Design & Entrepreneurship Competition (CiiDEC2022), College of Creative Arts, Universiti Teknologi MARA, 7<sup>th</sup> November 2022.
7. Examiner for 2022 RISM Professional Examination (December): Subject - PS 5010 : Building Maintenance Management (Division Property Surveying - Direct Entry), 26 October 2022.
8. Panel of Reviewer, "Journal of Management Analytical and Solution", Talenta Publisher, Universitas Sumatera Utara, Indonesia (22 September, 2022).
9. Live @ PTAR: Segmen - Bicara Buku: Kerjaya dalam bidang Alam Bina, Perpustakaan Tun Abdul Razak (PTAR), UiTM (12 September, 2022).
10. Panel of Jury: The Grand Final of Tech-Create (PRIDE) 5.0, Faculty Business and Management, UiTM Puncak Alam, 6<sup>th</sup> July 2022.
11. Speaker, 1<sup>st</sup> International Seminar (Economy Fiesta 2022), "Digital Competency for Students for Sustainability", Universitas Muslim Nusantara Al-Washliyah, 28<sup>th</sup> June 2022.
12. Visiting Lecturer, Universitas Muslim Nusantara Al-Washliyah, "Digital Literacy for Students towards Society 5.0: Understanding Sociotechnopreneurship", 27<sup>th</sup> June 2022.
13. Visiting Lecturer, Universitas Sumatera Utara (USU), "Pengembangan Atmosfer Akademik bagi Usaha Kecil dan Wirausaha Baru di Medan Indonesia (20 – 24<sup>th</sup> June 2022).
14. Judges, FMI International Competition 2022 (Vlog Competition), "Initiatives in Facing the Global Pandemic and Society 5.0, 22<sup>nd</sup> April 2022.
15. Reviewer, Manuscript (Research Paper) – Modelling Coastal Externalities Effects on Residential Housing Values, International Journal of Housing Markets and Analysis, (IJHMA), 2022.
16. Live @ PTAR: Sesi perkongsian Ilmu - Perjalanan PhD dari Malaysia ke Jepun, Perpustakaan UiTM Pasir Gudang, Johor (2022).
17. Reviewer, Manuscript (Research Paper) – Improving the habitat energy efficiency and thermal comfort through the design of walls in compressed earth block of agricultural and biopolymer residues, Current Journal of Applied Science and Technology, (CJAST), 2022.
18. Live @ PTAR: Segmen - Bicara Buku: 10 Panduan Asas Beli Rumah, Perpustakaan Tun Abdul Razak (PTAR), UiTM (2021).
19. Reviewer, Manuscript (Research Paper) – Insurance Losses Caused by Residential Flooding Events, International Journal of Housing Markets and Analysis (2020).
20. Keynote speaker, Seminar Manajemen Sumber Daya Manusia (Strategi Pengembangan Sumber Daya Manusia Dalam Menghadapi Revolusi Industri 4.0 – Brits Hotel Grand Taruma Karawang), Universitas Buana Perjuangan Karawang, Indonesia, 2018.
21. Reviewer, Article - An Assessment of Poor Communication between the Contractor and Subcontractor, World Journal of Civil Engineering and Construction Technology, 2018.

22. Editorial Board, Economic and Business International Conference (EBIC) 2017, Grand Aston City Hall, Medan Indonesia, Universitas Sumatera Utara (USU).
23. Visiting Lecturer, Program Studi Magister Manajemen Properti dan Penilaian SPs, Universitas Sumatera Utara (USU), Indonesia, 2016.
24. Certified Neuro Linguistic Programming (NLP), 2016.
25. Examiner (Professional Examination), Royal Institution of Surveyors Malaysia (RISM) – Subject: PMVS 5010 /508 (Building Maintenance Management) 2011-2019.
26. Examiner / Part Time Lecturer, Institut Penilaian Negara (INSPEN) – Certificate of Estate Agency (Principles of Economics), 2010 – 2017.
27. Fasilitator (Lembaga Pertubuhan Peladang), Kursus Meremajakan PPK: Meneroka Minda Tani Generasi Muda, 2010.

## **Innovation, Commercialization & Entrepreneurial**

1. Gold Award, Invention, Innovation & Design (IIDeX 2022), UiTM, Project: DYNO: A Design-Solution Focused on Hand Impairment and Spasticity After Stroke, 8<sup>th</sup> December 2022.
2. Bronze Award, Invention, Innovation & Design (IIDeX 2022), UiTM, Project: MASMED Biz Channel: A One Stop Omni Channel for UiTM Entrepreneurship Ecosystem, 8<sup>th</sup> December 2022.
3. Innovation – DYNO: A design solution focused on hair impairment and spasticity after stroke, 8<sup>th</sup> June 2022, Universiti Teknologi MARA (Ref: 98101807540801)
4. Copyright - MASMED Biz Channel: A One Stop OMNI Channel platform for Entrepreneur, 6<sup>th</sup> June 2022, Universiti Teknologi MARA (Ref: IP/CR/04492).
5. Innovation – MASMED Biz Channel: A One Stop OMNI Channel for UiTM Entrepreneurship Ecosystem, 6<sup>th</sup> June 2022, Universiti Teknologi MARA (Ref: 83090908520606).
6. Anugerah Inovasi Teknikal, Mini Konvensyen KIK (Staf) HEP, UiTM Shah Alam, 2015.
7. Anugerah Khas Juri (Gangsa), Projek Fertigasi Cili Kulai, Kolej Anggerik (UiTM), Anugerah Kecemerlangan Perhubungan Industri & Alumni (AKPIM), 2014.
8. Projek Fertigasi Kolej Anggerik (UiTM) – FAMA Selangor, 2014.
9. Bronze Award, Marketing Tools for Housing Developer, Invention Innovation & Design (IID 2010), UiTM – Special Edition, 2010.
10. Bronze Award, GIS Based NR Property Rental Information System, Invention Innovation & Design (IID 2010), UiTM – Special Edition, 2010.

## **Services & Administration**

1. Fellow, Industrial Research Laboratory (IRL), Micro Industry Hub (MIH) – MTC Engineering Sdn. Bhd., 1 Sept 2022 – 31 August 2024.
2. Director of Student Entrepreneurship Centre (Malaysia Academy of SME & Entrepreneurship Development (MASMED, UiTM), 15 Mac 2021 – 15 Oct 2022.
3. Committee Member, Majlis Keusahawanan Mahasiswa Universiti Malaysia (MAKMUM), Mac 2021 – Oct 2022.
4. Committee Member, Entrepreneurship Student Fund (MASMED, UiTM), Mac 2021 – Oct 2022.
5. Committee Member, MASMED Trust Fund (UiTM), Mac 2021 – Oct 2022.
6. Committee Member, UiTM Retail Space Management Committee, Mac 2021 – Oct 2022.
7. Committee Member, UiTM Retail Space Rental Interview Panel Committee, Mac 2021 – Oct 2022.
8. Committee Member, University Income Generation Project, 2021 - 2022.
9. Deputy Chairman 2, Ministry of Higher Education (MOHE) Entrepreneurship Award (Document Preparation Committee), 2021.



10. Liaison (Corporate Unit), Centre of Studies of Estate Management, FSPU (UiTM), 2020 - Present.
11. Principal, Anggerik Residential College (UiTM), 2010-2018.
12. Chairman, Anggerik Residential College Trust Fund (UiTM), 2010-2018.
13. Chairman, Anggerik Residential College: Disciplinary Committee (UiTM), 2010-2018.
14. Liaison FSPU, Office of International Affairs (OIA), UiTM, 2016-2018.
15. Advisor, MyAgrosis Student Club, UiTM Shah Alam - MASMED, 2012.
16. Committee Member, Student Election (UiTM), 2011-2016.
17. Chairman, Final Examination Question Paper Preparation Committee, FSPU (UiTM), 2011-2012.
18. Deputy Chairman, Final Examination Question Paper Preparation Committee, FSPU, FSPU (UiTM), 2010-2011.
19. Committee Member, UPENA, FSPU (UiTM), 2011.
20. Associate Members, Malay Heritage Art Center, FSPU (UiTM), 2008.

## Work and Collaboration Experience

1. Senior Lecturer, 2008-Present, College of Built Environment (Formerly known as Faculty of Architecture Planning and Surveying), Universiti Teknologi MARA (Shah Alam).
2. Senior Lecturer, 2002-2008, Faculty of Built Environment, International University College of Technology Twintech (IUCTT), Bandar Sri Damansara, Kuala Lumpur.
3. Valuation Executive, 1999-2000, TD Aziz Eastcoast Johor Sdn. Bhd.

## Awards & Recognitions

1. Anugerah Perkhidmatan Cemerlang (APC), Universiti Teknologi MARA (UiTM), 2021.
2. Professional Certified for Entrepreneurship Educator (ProCEEEd), 21 December – 12 January 2021.
3. Anugerah Penulisan Buku Terbanyak, Majlis Anugerah Kecemerlangan Fakulti Senibina Perancangan dan Ukur (MAKEF 2020), 7 April 2021.
4. Anugerah Unit Komunikasi Korporat (UKK) - Penulisan Media Terbanyak FSPU (Pensyarah), Majlis Anugerah Kecemerlangan Fakulti Senibina Perancangan dan Ukur (MAKEF 2020), 7 April 2021.
5. JASSO – *Tokubetsu Kenkyugakusei* (480,000 yen), University of Tsukuba, Japan, 2019.
6. Anugerah Perkhidmatan Cemerlang, Universiti Teknologi MARA (UiTM), 2017
7. Academic World Excellent Paper Award, Asset Price Bubble – Cause and Implication: A Malaysian Experience, Academic World International Conference, Czech Prague, 2016.
8. Anugerah Inovasi Teknikal, Mini Konvensyen KIK (Staf) HEP, UiTM Shah Alam, 2015.
9. Anugerah Khas Juri (Gangsa), Projek Fertigasi Cili Kulai, Kolej Anggerik, Anugerah Kecemerlangan Perhubungan Industri & Alumni (UiTM) 2014.
10. Bronze Award, Marketing Tools for Housing Developer, Invention Innovation & Design (IID 2010), UiTM – Special Edition, 2010.
11. Bronze Award, GIS Based NR Property Rental Information System, Invention Innovation & Design (IID 2010), UiTM – Special Edition, 2010.

## Contribution to Society

1. IM4U, Advisor, National Level, 2015-2018.
2. Yayasan Budi Penyayang Malaysia, Advisor, National Level, 2013-2015.

## Other Activities

1. Net-Zero and Role of Surveyors in Changing Built Environment, Royal Institution of Surveyors Malaysia (RISM), 22 December 2022, Participant.
2. Pro Talk 2022: International Symposium on Sustainable of Built Environment, Organised by College of Built Environment (UiTM Perak Branch), 26 & 27 October 2022, Participant.
3. Program Advisor – Kursus Pembangunan Ejen Pemasar “New Breed Marketing Entrepreneur (NBME)”, MASMED UiTM Shah Alam, 2<sup>nd</sup> July 2022.
4. Majlis Anugerah Kecemerlangan, Fakulti Senibina Perancangan dan Ukur (MAKEF), 2021 – Committee Member.
5. 30<sup>th</sup> National Real Estate Conference (NREC), The Royale Chulan, Kuala Lumpur. Organised by Royal Institution of Surveyors Malaysia, 10<sup>th</sup> March 2022, Participant.
6. Sambutan Aidilfitri di Kedutaan Malaysia, Tokyo, Japan, 2019.
7. Istiadat Pertauliahahan Diraja Palapes Universiti Awam ke 36 (2017), UiTM, Committee Member.
8. Program Kesejahteraan Mahasiswa (UiTM) 2017.
9. Anggerik Outbound Programme (UiTM), Universitas Buana Perjuangan, Karawang Indonesia, International Level, 2017.
10. Sukarelawan Pasca Banjir Pulau Pinang 2017, Kolej Anggerik UiTM.
11. We Love We Care, Taman Sinar Harapan (TSH) Bukit Besar dan Pusat Pemulihan Dalam Komuniti (PDK) Batu Rakit, Terengganu, 2016.
12. Anggerik Outbound Programme (UiTM), Tokyo, Japan, 2016.
13. Volunteer Malaysia, iM4U - UiTM, National Level, 2015.
14. Hari Sukan Negara (UiTM), National Level, 2015.
15. Program Sukarelawan Restorasi Terumbu Karang (Kolej Anggerik, UiTM), 2015.
16. Eksplorasi Tapak Warisan UNESCO (Kolej Anggerik, UiTM), 2015.
17. Program Sukarelawan Jejak Desa (Sabah) – Kolej Anggerik, UiTM, 2015.
18. Projek Fertigasi Kolej Anggerik (UiTM) – FAMA Selangor, 2014.
19. UiTM Yayasan Budiman Golf Challenge, 2014, Golf Tournament, 2014, Member.
20. Volunteer Malaysia, iM4U - UiTM, National Level, 2014.
21. Program Sukarelawan Mangsa Gunung Berapi Sinabung Indonesia (Kolej Anggerik, UiTM), 2013.
22. Program Sukarelawan Banda Aceh Indonesia (Kolej Anggerik, UiTM – Universitas Abulyatama), 2012.
23. Program Sukarelawan Lampung Indonesia (Kolej Anggerik, UiTM – Universitas Malahayati), 2012.
24. Program Sukarelawan Pendidikan, Kolej Anggerik, UiTM (Medan, Indonesia), 2011.
25. Program Khidmat Masyarakat Kemboja (FSPU, UiTM), 2011.
26. Student Employability Programme (FSPU, UiTM) – Brunei Darussalam, 2010.