

**MOHD AZRAI AZMAN (Sr, Dr)****Senior Lecturer**

Studies of Quantity Surveying  
Faculty of Built Environment (FBE)  
Universiti Teknologi MARA  
40450 Shah Alam  
Selangor, Malaysia

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mohdazrai@uitm.edu.my

**Areas of Expertise**

Construction Productivity and Efficiency; Construction Economics; Financial Management; Risk Management; Bidding and Estimating; Quantity Surveying

<https://scholar.google.com/citations?user=IkBp4mIAAAAJ&hl=en>  
<https://www.scopus.com/authid/detail.uri?authorId=55500126900>  
<https://www.webofscience.com/wos/author/record/1966699>  
<https://www.researchgate.net/profile/Mohd-Azrai-Azman/research>  
<https://orcid.org/0000-0003-4025-4788>  
[www.linkedin.com/in/mohdazrai/](https://www.linkedin.com/in/mohdazrai/)

**Personal Information**

Senior Lecturer, October 2020-Current  
Lecturer, January 2012-October 2020  
Universiti Teknologi MARA, Shah Alam, Selangor (2022-Current)  
Universiti Teknologi MARA, Sarawak Branch, Kota Samarahan, Sarawak (2012-2022)

**Academic Qualifications**

Doctor of Philosophy in Built Environment, 2020, Queensland University of Technology (QUT), Brisbane, Australia  
MSc (Building) by Research, 2012, Universiti Malaya, Kuala Lumpur, Malaysia  
Bachelor of Quantity Surveying (Hons), 2008, Universiti Teknologi MARA, Shah Alam, Selangor  
Diploma in Quantity Surveying, 2006, Universiti Teknologi MARA, Shah Alam, Selangor

**Professional Members**

Professional Quantity Surveyor, Board of Quantity Surveyors Malaysia (BQSM), 2023/PQS03448  
Member, Royal Institution of Surveyors Malaysia (RISM), M8547  
Associate Fellow of Advance HE, United Kingdom, PR172038

## Working Experience

June 2009 to Dec 2009 - Assistant Director, Jabatan Kerja Raya Malaysia

Dec 2007 to Jun 2009 - Cost and Contract Executive, Jurukur Bahan Pendita Sdn. Bhd.

## Teaching and Learning

Construction Economics (BQS556, BQS506)

Capital Budgeting and Financial Management (FMM702)

Risk Management (BQS669)

Measurement of Civil Engineering Works (BQS663)

Research Methods (BQS514)

Applied Studies (BQS612/BQS662)

## Service & Administration

### Teaching appointments

1. Resource Person, Risk Management, 2023-current
2. Vetter, QS Diploma Programme, Construction Economics, 2021-2023
3. Lecturer-in-charge, Construction Economics, 2020-2022
4. Lecturer-in-charge, Principles of Economics, 2020-2022
5. Committee member, Syllabus Review for Construction Economics, 2020-2022

### Managerial appointments

#### *University/Faculty/Branch Campus*

1. College Coordinator, Publication, 2024 – present
2. Managing Editor, Built Environment Journal, 2023 – present
3. Member, College Research Committee, 2024 - present
4. Associate Member, Research Ethics Committee UiTM, 2025 - present
5. Penyelaras, Malaysia Research Assessment (MyRA), UiTM Sarawak Branch, 2020–2022

#### *Department*

1. Department Coordinator, Publication (BERI), 2025- present
2. Department Coordinator, Timetables, 2014 – 2016, 2022 – present
3. Department Coordinator, Research, 2022–2024
4. Department Coordinator, Quality, 2022-2024
5. Department Secretary for meetings, 2012–2013, 2022-2024
6. Department Coordinator, Examination, 2020-2022
7. Department Advisor, Non-academic Activity, 2013-2014
8. Department Advisor, Quantity Surveying Society, 2013-2014
9. Department Coordinator, Resource Centre, 2012–2014

#### *Others*

1. Chair, Quantity Surveying Research and Innovation 2025
2. Scientific Committee, ICRMBEE 2025
3. Facilitator, Publication and Writing Workshop, 2/2024, College of Built Environment
4. Panel Judge, International Invention, Innovation & Design Exposition for Built Environment and Engineering 2023
5. Branch Campus Lead, Construction Economics' Syllabus Review, 2021
6. Committee member, Bachelor Degree's Accreditation, 2021
7. Head, Competition Committee, QS Symposium, Royal Institution Surveyors Malaysia, 2020
8. Committee member, External examiners, final examination, 2020

9. Committee member, Green Construction and Sustainability, 2020

## Student Supervision

### Doctor of Philosophy (Built Environment)

1. Mohd Azroy Ag Rajak. The Mediating Role of Over the Wall Syndrome in Maintaining the Effective Governance of Construction Projects, Doctor of Philosophy (Built Environment) (2025-Ongoing), Main supervisor

### Master of Science (Built Environment) by Research

1. Mohammad Aniq Ismail. Survival practices of construction companies during the economic downturn: a case study in Sarawak, Malaysia, Master of Science (Built Environment) By Research (2024-Ongoing), Co-supervisor
2. Farah Nazira Juhari. Indicators of labour productivity in the Malaysian construction industry: The effect of capital intensity and regulation (2021- **Completed**), Main Supervisor

### Master of Science (Facilities Management)

1. Nashrul Nawwarah Abd Rahman, Optimising Facilities Management Contracts: Conventional Versus Public Finance Initiative (PFI) Approaches in A Public University in Malaysia (2025-Ongoing), Main supervisor.
2. Muhammad Khalid Hassan. Asset Management practices for Small and Medium Enterprises in Cyberjaya (2023- Ongoing). Main Supervisor
3. Rabi'atul Adawiyah Lan Bah Dun, The efficiency of public building maintenance contracts: the impact of physical and contractual characteristics, Master of Science (Facilities Management) by Coursework (2024- **Completed**), Main supervisor.
4. Siti Umairah Mohd Razali. A study on satisfaction towards outsourcing facilities management services at shopping malls within the Klang Valley Area (2023- **Completed**). Main Supervisor

### Bachelor Degree

#### 2025

1. Muhammad Ammar Hariz Mazlan. The Impact of Building Information Modelling (BIM) Integration for Site Management Enhancing Project Efficiency.
2. Gwyneth Lo. The Maintenance Challenges of Green Buildings in Malaysia

#### 2024

1. Ahmad Danial Ahmad Nazran. Labour productivity affecting the construction performance of building projects in urban areas.
2. Hajar Othman. The relationship between the indoor environmental quality of offices and work productivity in Klang Valley.
3. Isma Hazim Ishak. The impact of working hours adjustment based on the Malaysia Employment (Amendment) Act 2022 in the construction industry.
4. Iszureen Ismail. Motivations to boost labour productivity in building construction projects.
5. Muhammad Adzim Mohd Bakri. Price fluctuation of construction materials in the Malaysian construction industry.
6. Muhammad Faris Aqmar Mohd Salman. Exploitation of foreign labourers in the Malaysian Construction Industry.

7. Nur Aina Wafa Azhar. Key Economic Indicators affecting the trend in Tender Price Index and Building Cost Index
8. Nurul Mahirah Sharuddin. Relationship between schedule delay factors and project performance in civil engineering works.
9. Saffiah Mohd Juzad. Non-revenue water (NRW) in the Malaysia water industry.

## **2023**

1. Afiq Imran Yusni. Employers' perceptions towards open distance learning of quantity surveying fresh graduates.
2. Arif Farhan Rahamat. A study on the factors and effects of noise pollution along the Light Rapid Transit (LRT) Shah Alam line construction site.
3. Amir Azri Azami. Problems and issues of staff turnover in quantity surveying consultant firms.
4. Hafizuddin Haziq Yahya. A study on the fire safety implementation in buildings from the consultants' perspective.
5. Hidayati Amminy Ahmad Amminy. Smart mosque: a comparative study of economic dimensions between traditional and smart mosques.
6. Muhammad Afif Syamim Afandi. Corruption in the Malaysian construction industry contribution factors influencing professionals' involvement.
7. Muhammad Arif Izzat Mohd Nor. The challenges in managing construction safety when the project is running.
8. Nur Khalisa Ahmad Zawawi. Contractors' measures in mitigating flash floods for construction sites in urban areas.
9. Nur Najihah Mohd Baba. An insight into the implementation of green campus: a case study of Universiti Teknologi MARA (UiTM) Shah Alam and Puncak Alam.
10. Nurul Amirah Afandi. Productivity of Muslim Labourers on the construction site during Ramadan.
11. Nurul Izzah Aqilah Hassan. Electrical fire safety evaluation in high-rise residential buildings.
12. Sha Ahda Nashuha Sabarudin. Reasons for building defects in public schools.
13. Siti Nor Baizura Razali. Key factors influencing health and safety management in confined spaces.
14. Siti Norzarifah Mustaffa. Factors affecting customer satisfaction in using the Damansara-Shah Alam Elevated Expressway (DASH) operation.

## **2022**

1. Mohd Iskandar Dzulkarnain Mohd Lan. A study on digitalisation of quantity surveying tasks in East Malaysia during the Covid-19 pandemic.
2. Nur Syaheerah Saiful Bahri. Performance management and indicators of quantity surveying firms in Sarawak.
3. O'Bryan Dunggat Ricky Insol. The implementation of time management amongst quantity surveying students in Universiti Teknologi MARA, Sarawak.

## **2021**

1. Ahmad Nabil Ramli. Factors affecting labour productivity in building construction projects in Malaysia.
2. Siti Aisyah Mohamad Ileyes. Labour productivity based on construction industry performance: sectoral analysis.

## Publications

### First author / corresponding publications in WOS/Scopus

1. **Azman, M.A.**, Chuweni, N.N., Muhamad Halil, F., Ku Azir, K.M.A., Juhari, F.N., Lee, B.L. and Skitmore, M. (2025), Market competition and construction firm productivity: the role of market regulation in a developing economy, *Engineering, Construction and Architectural Management*. <https://doi.org/10.1108/ECAM-10-2024-1380>
2. Juhari, F. N., **Azman, M. A.**, Muhamad Halil, F., Chuweni, N. N., Ku Azir, K. M. A., Lee, B. L., & Skitmore, M. (2025). The impact of capital intensity on construction firms' labor productivity in a developing economy: the effect of market regulation. *Construction Innovation: Information, Process, Management*. <https://doi.org/10.1108/CI-05-2024-0136>
3. **Azman, M. A.**, Samad, Z. A., Lee, B. L., Skitmore, M. Rajendra, D. & Chuweni, N.N. (2024). How technological, environmental and managerial performance contribute to the productivity change of Malaysian Construction Firms. *Engineering, Construction and Architectural Management*. 31(2), 618-637.
4. **Azman, M. A.**, Chuweni, N.N., Halil, F. M., Azir, K.M.A.K., Lee, B.L., Juhari, F.N. & Skitmore, M. (2024). The impact of the change in institutional regulation on construction productivity: Firm-level evidence in a developing economy. *Construction Management and Economics*, 42(3), 199-214.
5. Juhari, F.N., **Azman, M. A.**, Chuweni, N.N., Halil, F. M., Azir, K.M.A.K., Lee, B.L. (2023). Indicators of labour productivity in the construction firms: the conceptual modelling of capital intensity and market regulation. *Malaysian Construction Research Journal*. 20(3), 161-173.
6. **Azman, M. A.**, Hon, C. K., Xia, B., Lee, B. L., & Skitmore, M. (2022). Internationalisation and Productivity of Construction Firms in a Developing Country: The Effect of Institutional Environment and Ownership on Malaysian Construction Firms. *Journal of Management in Engineering*, 38(1), 04021081.
7. **Azman, M.A.**, Hon, C. K., Xia, B., Lee, B. L., & Skitmore, M. (2020). Product diversification and large construction firm productivity: the effect of institutional environments in Malaysia. *Engineering, Construction and Architectural Management*, 28(4), 994-1013.
8. **Azman, M.A.**, Hon, C. K., Skitmore, M., Lee, B. L., & Xia, B. (2019). A Meta-frontier method of decomposing long-term construction productivity components and technological gaps at the firm level: evidence from Malaysia. *Construction Management and Economics*, 37(2), 72-88.
9. **Azman, M.A.** (2016), Bidding competitiveness: a comparative analysis of different bid auctions in Malaysia, *Journal of Engineering, Design and Technology*, 14(4), 678-698.
10. **Azman, M.A.** (2014). Number of bidders in small and medium public construction procurement in Malaysia. *Applied Mechanics and Materials*, 567, 595-600.
11. **Azman, M.A.**, Abdul-Samad, Z., & Ismail, S. (2013). The accuracy of preliminary cost estimates in Public Works Department (PWD) of Peninsular Malaysia. *International Journal of Project Management*, 31(7), 994-1005.

### Co-author publications in WOS/Scopus

1. Radzi, A. R., Algahtany, M., **Azman, M. A.**, Alias, A. R., & Rahman, R. A. (2025). Factors influencing dispute negotiation strategies in BIM-based construction projects: A critical analysis. *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*, Accepted: Forthcoming.
2. Halil, F. M., **Azman, M. A.**, Sekak, S. N. A. A., Nasir, N. M., & Romeli, N. S. (2024). Building information modelling and Monte Carlo simulation application: enhancement mitigating risk of contractor's selection in the construction project. *Planning Malaysia*, 22 (6), 171 – 182.

3. Bohari, A. A.M., Julaihi, F. A., Kipli, K., **Azman, M. A.**, Amirul, S. R., & Hu, X. (2024). Retirement Village Design Features: Generation X's Expectation. *Pertanika Journal of Social Sciences & Humanities*, 32(2).
4. Amirul, S.R., Bohari, A.A.M., Julaihi, F.A., **Azman, M.A.** & Kipli, K. (2022) Advancing the Notion of Maslow Hierarchical Needs Theory Into Retirement Village Sustainability Needs, *Malaysian Construction Research Journal*. 17(3) 2022, 70-80.
5. Julaihi F. J., Bohari A.A.M., **Azman, M.A.**, Kipli K. & Amirul, S. R. (2022) The Preliminary Findings on the Push Factors for the Elderly to Move to Retirement Villages in Malaysia, *Pertanika Journal of Social Sciences and Humanities*. 30(2) 2022, 761-778.
6. Mahat, N, Bohari A.A.M., **Azman, M.A.**, Khalil, N, Adnan, A.S. & Abd Malek, M.I. (2022), E-Procurement Adoption in the Malaysian Construction Sector: Integrating Diffusion of Innovations and Theory of Planned Behaviour Framework. *Jurnal Kejuruteraan* 34(3) 2022, 347-352.

### Chapter in Book

1. **Azman, M. A.**, Hon, C. K. (2023). A Methodological Application to Construction Economics Research for Theory Refinement and Extension, *Mixed Methods Research Design for the Built Environment*, Routledge: Taylor & Francis Group. Editors: Charles Egbu, Julius Akotia and Bankole Awuzie.
2. Bohari A.A.M. Benyamin, S. A. M., Julaihi F. J., **Azman, M.A.**, Kipli K. & Amirul, S. R. (2022), Sustainable Retirement Village Establishment: The Possible Challenges, Lect. Notes in Networks, Syst., Vol. 486. *Business and Technologies: Opportunities and Challenges*, Springer Nature, (Chapter 122).

### Peer-reviewed publications

1. Yusni, A. I., **Azman, M. A.**, Abd. Rashid, A. F., Mahat, N., Mat Nasir, N., & Abdul Rahman, A. R. (2025). Challenges in Open Distance Learning (ODL): An Exploratory Study on Pandemic-Era Quantity Surveying Graduates. *Built Environment Journal*, Accepted: forthcoming in July 2025.
2. Sharuddin, N. M., **Azman, M. A.**, Samad, Z. A., & Rodzi, R. M. (2024). Relationship Between Schedule Delay Factors and Project Performance in Civil Engineering Works. *Built Environment Journal*, 21(Special Issue),23-36.
3. **Azman, M. A.**, Chuweni, N.N., Halil, F. M., Azir, K.M.A.K., Lee, B.L. & Juhari, F.N. (2023). The Effect of Market Competition and Institutional Regulation on Productivity: A Conceptual Modelling, *International Journal of Academic Research in Accounting Finance and Management Sciences*. 12(3) 2022, 890-902
4. Bohari A.A.M., Julaihi, F. J., **Azman, M.A.**, Amirul, S. R., & Kipli K. (2023). Understanding the potential of retirement villages in Malaysia. AIP Conf. Proc. 2 November 2023; 2983 (1), 030005.
5. Juhari, F.N, Halil, F. M., **Azman, M. A.**, Chuweni, N.N., Azir, K.M.A.K. & Lee, B.L. (2023). Indicators of labour productivity in the Malaysian construction firms: Conceptual modelling of capital intensity and market regulation. 6th International Conference on Research Methodology for Built Environment and Engineering 2023 (ICRMBEE2023).
6. Mahat, N., **Azman, M. A.**, Bohari, A. A. M., Rashid, A. F. A., Khamaksorn, A., & Malek, M. I. A. (2022). BC-DIGIT: A Digital Game Application for Learning Building Construction Technology Course among Undergraduate Students. *International Journal of Academic Research in Progressive Education and Development*, 11(2), 467–473.
7. Amirul, S. R., Bohari A.A.M. Julaihi, F. J., **Azman, M.A.** & Kipli K. (2022). Advancing The Notion of Maslow Hierarchical Needs Theory into Retirement Village Sustainability Needs, 2nd International Conference on The Built Environment and Engineering 2021 (IConBEE2021).

8. **Azman, M.A.**, Chuweni, N.N., Halil, F.M., Azir, K.M.A.K., Lee, B.L., Juhari, F.N. (2022), The Effect of Market Competition and Institutional Regulation on Construction Productivity: A Conceptual Modelling. *4th International Conference on Accounting and Management (ICAM2022)*, Faculty of Accountancy, Universiti Teknologi MARA Selangor, MALAYSIA, (Paper ID 014), 16-18.
9. Mahat, N, Rashid, A. F. A., **Azman, M.A.**, Bohari, A. A. M., Budin, H., Ikau, R. & Kamaruzaman N. U. S. N. (2021). OSH-DBG As a Method of Digital Problem Solving for Learning Construction Safety and Health. *International Innovation, Design and Articulation i-IDEA*, 1(2021), 158-165.
10. Halil, F. M., Romeli, N., **Azman, M. A.**, & Hasim, M. S. (2021). Perception of public and private clients on the benefits of partnering with contractor in industrialised building system. *Journal of Administrative Science*, 18(2), 111-128.
11. Mahat, N., Abdul Rashid, A. F., **Azman, M. A.**, Mohamad Bohari, A. A., Budin, H., Ikau, R. A., & Nik Kamaruzaman, N. U. S. (2021). OSH-DBG as a method of digital problem-solving for learning construction safety and health course. Extended Abstract presented at the International Jasin Multimedia & Computer Science Invention and Innovation Exhibition (IJAMSIIX) 2021, Universiti Teknologi MARA, Cawangan Melaka.
12. Othman, M. K. F., Muhammad, W. M. N. W., Abd Hadi, N., & **Azman, M.A.** (2017). The Significance of Coordination for Industrialised Building System (IBS) Precast Concrete in Construction Industry. *MATEC Web of Conferences*, 103, 03004.
13. Muhammad, W. M. N. W., **Azman, M.A.**, Othman, M. K. F., Hadi, N. A., Sahimi, S. N. S., & Mohammad, M. F. (2016). The insight of industrialised building system (IBS) by Bumiputera construction players. *MATEC Web of Conferences*, 47, 04013

## Research Grants and Contracts

1. 2025 to 2026 – Principal Investigator, The Sumitomo Foundation Grant (Japan-Related Research Projects), Productivity and Success of Japanese Construction Firms in Securing International Contracts: The Role of Host Nation Institutional Complexities (Amount: J¥600,000 / MYR18,264).
2. 2021 to 2023 – Principal Investigator, MyRA Research Grant, Universiti Teknologi MARA, The Effect of Market Competition and Regulation on Construction Productivity in Malaysia: Econometric Modelling on Large Firms and The Industry (Amount: MYR 20,000).
3. 2020 to 2023 – Co-researcher, Malaysia Comprehensive University Network Grant, Universiti Teknologi MARA, Pathway Towards the Establishment of Sustainable Retirement Villages for Greying People in Sarawak, Sustainable Development Goals Research in Borneo (Amount: MYR 11,000).
4. 2014 to 2017 - Co-researcher, Research Acculturation Grant Scheme (RAGS), Minister of Education, Coordination determinants of the IBS precast concrete system operation in Sarawak (Amount: MYR 60,000).
5. 2013 to 2014 – Principal Investigator, Research Excellence Fund, Universiti Teknologi MARA, Bidding Competitiveness: Empirical Analysis from Public Construction Contracts in Malaysia (Amount: MYR 5,000).

## Consultation & Expertise

### Reviewer

1. Economic analysis and policy (2025-present)
2. Socio-economic planning sciences (2025-present)
3. Applied Economics Letters (2024-present)
4. Tourism Management (2024-present)
5. Heliyon (2024-present)



6. Journal of Public Affairs (2023-present)
7. Journal of Building Engineering, Elsevier (2023-present)
8. Engineering Construction Architectural Management, Emerald (2020 – present)
9. Energy, Elsevier (2021-present)
10. Building Research and Information, Taylor & Francis (2021 – present)
11. Construction Management and Economics, Taylor & Francis (2019 – present)
12. International Journal of Construction Management, Taylor & Francis (2019 – present)
13. Journal of Engineering, Design and Technology, Emerald (2016 – present)
14. International Journal of Project Management, Elsevier (2012 – present)

## Innovation, Commercialization & Entrepreneurial

### Exhibition Awards

1. Amirul, S. R., Bohari A.A.M., **Azman, M.A.**, Kipli K. & Julaihi F. J. Innovation Policy Instrument for Sustainable Retirement Village in Malaysia, Virtual Melaka International Intellectual Exposition (V-MIIEIX 2021), Universiti Teknologi MARA, Melaka Branch (Bronze Medal).
2. Mahat, N, Rashid, A. F. A., **Azman, M.A.**, Bohari, A. A. M., Budin, H., Ikau, R. & Kamaruzaman N. U. S. N. Occupational Safety And Health – Digital Board Game (OSH-DBG), A Way Forward For Digital Teaching and Learning. i-JaMCSIIIX 2021, International Jasin Multimedia & Computer Science Invention and Innovation Exhibition, Universiti Teknologi MARA, Malacca Branch (Silver Medal).
3. Mahat, N, Rashid, A. F. A., **Azman, M.A.**, Bohari, A. A. M., Budin, H., Ikau, R. & Kamaruzaman N. U. S. N. Occupational safety and health - digital board game (OSH-DBG) as a method of digital problem-solving for learning. i-IDeA™ 2020, The 5th International Innovation, Design and Articulation, Universiti Teknologi MARA, Perlis Branch (Silver Medal).
4. Muhammad, W. M. N. W., **Azman, M.A.**, Othman, M. K. F & Rashid, A. F. A. PWD203A Ruler, Sarawak Invention, Innovation & Design Expo (SIIDEx 2016), Dewan Jubli, Universiti Teknologi MARA, Sarawak Branch.

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## Education Content Development

### Massive Open Online Course (MOOC)

1. Co-developer of Massive Open Online Course (MOOC) for Construction Safety and Health (BGN292), led by N. Mahat, 1 March 2021 to 31 October 2021, Universiti Teknologi MARA (Completed)

## Work and Collaboration Experience

### Invited Talks / Workshop / Consultancy

1. 2025 – Research Writing Series I: From Dissertation to Publication – Write, Revise & Publish, College of Built Environment, Universiti Teknologi MARA
2. 2024 - Improvement of Academic Qualifications: Fast Thesis Writing and Data Analysis (Online), College Community, Ministry of Higher Education, 27-28 August 2024



3. 2024 - Technical & Vocational Education and Training (TVET) Research Methodology and Data Analysis 4/2024, Mersing Polytechnic, Johor, Ministry of Higher Education, 16-18 July 2024
4. 2024 - Course for Certification of Malaysia Civil Engineering Standard Method of Measurement (MyCESMM) & Measurement of Quantities in Civil Engineering Works, Public Works Department Malaysia, JKR CREaTE, Melaka, 27-28 May 2024
5. 2023 – How Construction Productivity Improving Economic Growth and Development, Malaysia Productivity Corporation, Studio, MPC Petaling Jaya, Selangor, 17 April 2023
6. 2022 – Introduction to Quantitative Data Analysis (Hands-on SPSS), Department of Quantity Surveying, Faculty of Architecture, Planning and Surveying, Universiti Teknologi MARA, Sarawak Branch, 22 April 2022
7. 2021 – Elemental Cost Analysis (ECA) - Virtual Talk, School of Built Environment, University College of Technology Sarawak, 15 November 2021
8. 2020 – Webinar Session Speaker, "Diversification and Large Construction Firm Productivity: The Effect of Institutions in Malaysia". Inviting Institution: Universiti Teknologi MARA, Sarawak Branch, 16 October 2020

## Awards & Recognitions

### Employer recognition

1. High-impact journal publication, College of Built Environment Excellence Awards (CBEEEx) 2024
2. Top UiTM Authors 2024 (1 WOS Q1/ 1 WOS Q2)
3. High-impact journal publication, College of Built Environment Excellence Awards (CBEEEx) 2022
4. Best paper – International Conference on Accounting & Management (ICAM 2022) on 21 - 22 September 2022, Faculty of Accountancy, Universiti Teknologi MARA
5. Outstanding Service Award (Anugerah Perkhidmatan Cemerlang) 2021, Universiti Teknologi MARA

### Scholarship

1. QUT Postgraduate Research Award (QUTPRA) for PhD studies, Queensland University of Technology (2015) from June 2016 to December 2019, sponsored by the Commonwealth of Australia.
2. Young Lecturer Scholarship (2009-2011) for MSc studies, sponsored by Universiti Teknologi MARA and the Ministry of Higher Education, Malaysia.

## Best Papers

### Personal achievements

1. 2022 – International Conference on Accounting & Management (ICAM 2022) on 21 -22 September 2022, Faculty of Accountancy, Universiti Teknologi MARA

### Supervised undergraduate research competition

1. 2024 – Gold Award, Quantity Surveying Research and Innovation (QSRI) 2024 on 23 April 2024, Student: Nurul Mahirah Sharuddin, School of Construction & Quantity Surveying, College of Built Environment, Universiti Teknologi MARA

2. Gold Award (Highest), 7th International Built Environment Undergraduate Research Competition (BEURC) 2022, Student: Mohd Iskandar Dzulkarnain Mohd Lan, Faculty of Built Environment, Universiti Malaya
3. Gold Award (Highest), 7th International Built Environment Undergraduate Research Competition (BEURC) 2022, Student: Nur Syaheerah Saiful Bahari, Faculty of Built Environment, Universiti Malaya

### **Contribution to Society**

1. Ekspo Selangkah ke UiTM 2016, 11-13 Mac 2016, UiTM Cawangan Sarawak
2. Misi Akademik ke Kem PLKN Juara, Serian, 24 Januari 2015, UiTM Cawangan Sarawak
3. Ekspo Selangkah ke UiTM 2014, 16-17 Ogos 2014, UiTM Cawangan Sarawak
4. Misi Akademik ke Sarikei dan Bintangor, 29-30 Mac 2014, UiTM Cawangan Sarawak
5. Ekspo Selangkah ke UiTM 2014, 20-23 Mac 2014, UiTM Cawangan Sarawak
6. Ekspo Kemasukan ke UiTM 2013, 23-30 Julai 2013, UiTM Cawangan Sarawak