

## Sr TS. KU MOHAMMAD ASYRAF B KU AZIR, PQS

### Senior Lecturer

Studies of Quantity Surveying  
School of Construction & Quantity Surveying  
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Selangor, Malaysia.



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### Areas of Expertise

Construction Technology, Property Management, Contract Management, Construction Economics

<https://scholar.google.com/citations?user=qmqU4aYAAAAJ&hl=en>  
<https://expert.uitm.edu.my/profile.php?id=+dnIbIbitdjt9SIDvBe1W4QiUN2ec/+a7db6uD5iOOo=>  
<https://orcid.org/0000-0003-1742-1146>

### Personal Information

Sr Ts. Ku Mohammad Asyraf Bin Ku Azir is an Academician from the Faculty of Architecture, Planning and Surveying, Universiti Teknologi MARA (UiTM) Sarawak under Department of Quantity Surveying. He graduated from UiTM Shah Alam with Master Science in Facility Management with first class result after completing his bachelor's degree in Quantity Surveying, UiTM. After receiving his education, he later worked as a part timer contract assistant executive with one of the leading quantity surveying consultants known as AS2 Consultant at Seri Iskandar, Perak. Later on, he gains more experiences in construction industry as a contract manager at TCS Group Berhad and TNH Construction Berhad. With more than eight years working experienced with all stages of the development of building and infrastructure works, he contributes his experiences in academic field as a lecturer at Infrastructure University Kuala Lumpur (IUKL) before joining Universiti Teknologi MARA (UiTM) Sarawak. His expertise in teaching subject is in building measurements, construction technology, building service and construction economics courses. As an academician, he has written and presented research papers at both national and international conferences. In addition to being actively involved at the university, he is also involved in the NGO community, state-federal council development.

## Academic Qualifications

### **Master in Science (Facilities Management)**

Universiti Teknologi MARA (UiTM) Shah Alam, 2013

### **Bachelor in Quantity Surveying (Hons.)**

Universiti Teknologi MARA (UiTM) Shah Alam, 2011

### **Diploma in Quantity Surveying**

Universiti Teknologi MARA (UiTM) Perak, 2009

## Professional Members

**Professional Quantity Surveyor** (PQS) Board of Quantity Surveying Malaysia (BQSM)

**Professional Technologist** (Ts.) Malaysia Board of Technologist (MBOT) – Member

**Member of Royal Institution of Surveyors Malaysia** (RISM), entitled to use prefix Sr

## Teaching and Learning

Teaching and learning are both connected to each other. Teaching with an ability to create eagerness inside student's mind is an indispensable agenda. I see teaching as a field to encourage creativity, critical thinking and decision making among students and as a ground of evolving students to become an excellent generation. Inspiration, motivation and independency are the crucial stimulants in engaging students to my teaching. In addition, I am always seeking for a new approach, a new area of teaching and learning style in order to diversify my teaching besides always keep abreast with the current trends in updating my skills and knowledge which I can harmonize my teaching styles and then improve students' engagements.

Diploma in Quantity Surveying (CFAP114)

DQS301 - INDUSTRIAL TRAINING

DQS363 - MEASUREMENT OF CIVIL ENGINEERING WORKS

DQS202 - CONSTRUCTION TECHNOLOGY III

DQS356 - CONSTRUCTION ECONOMICS III

Bachelor of Quantity Surveying (CFP224)

BQS562 - COMPUTER AIDED MEASUREMENT AND ESTIMATING

BQS663 - MEASUREMENT OF CIVIL ENGINEERING WORKS

BQS612 - APPLIED STUDIES I

BQS701 - PRACTICAL TRAINING

BQS502 - CONSTRUCTION TECHNOLOGY III

BQS554 - BUILDING SERVICES

BQS669 - RISK MANAGEMENT

## Student Supervision

### Undergraduates

SEMESTER	NAME OF STUDENTS / TITLE
March – June 2019	Ade Rabiul Amal Binti Marzuki Topic: A Study Construction Waste Management On Site In Sarawak
Oct 2019 – Feb 2020 & March – July 2020	Ika Syafiqa Binti Abdullah Topic: Bid Evaluation Strategy Among G7 Construction Companies In Sarawak  Afiqah Iliyana Binti Samsul Bahari Topic: A Study On Awareness Level Of Quantity Surveying Profession Among Secondary School Students
Oct 2020 – Feb 2021 & March – July 2021	Danny Hilman Bin Suzlee Topic: Communication management among Design teams During Covid 19 pandemic  Matilda Nuai Anak Perang Topic: The Impact Of covid-19 pandemic On Construction Industry In Sarawak  Dayang Maizatul Khairina Binti Abang Ismawi Topic: Covid-19 outbreak: The Remedies To The Loss And Expense Suffered By Parties Involved In Construction Projects During The Restriction Movement Order (MCO) In Kuching, Sarawak
Oct 2021 – Feb 2022 & March – July 2022	Muhammad Ali Iman Bin Ishak Topic: Applying Internet Of Things (Iot) To The Construction Industry  Nur Maizurah Binti Mansor Topic: The Study On Property Overhang Of Housing Development In Malaysia: The Case Study In Kuching, Sarawak
Oct 2022 – Feb 2023	Mohd Afiq Cairel Bin Ahmad Topic: An Overview Of Facilities Management Practice In Higher Learning Institution During Pandemic Crisis: A Case Study In Universiti Malaysia Sabah (Ums)  Afiq Johan Bin Jeman Topic: The Insight Of Issues And Challenges Faced By Young Graduates In Purchasing Houses In Sarawak  Daniel Lindang Anak Bandang Topic: The Challenges Of Implementing Information, Communication, And Technology (Ict) In Construction Industry Among The G7 Contractor In Sarawak.  Najwa Binti Morshidi Topic: An Overview Of Facilities Management Practice In Higher Learning Institution During Pandemic Crisis: A Case Study In Universiti Malaysia Sabah (UMS)

## Publications

ITEM	TITLE	PUBLISHER	DATE OF PUBLICATION
a.	Strategies In Mediating The Impact Of Covid-19 Pandemic By Small-Scale Contractors In Sarawak, Malaysia	Jurnal Penyelidikan Sains Sosial (JOSSR)	2023
b.	The Challenges of Facilities Management in Mosque	International Journal of Business and Technology Management	2023
c.	Knowledge Sharing Behaviour to Accelerate Green Practices Adoption for Construction Industry	International Journal of Academic Research in Business and Social Sciences	2023
c.	The Insights Of Computer-Aided Measurement Software From Undergraduate's Perspectives	Jurnal Penyelidikan Sains Sosial (Jossr)	2022
d.	Biophilic Design In Improving The Psychological Performance Of University Students: A Systematic Literature Review (Slr)	E-Proceedings V-Gogreen 2022 Virtual Go Green: Conference And Publication " Rethinking Built Environment: Towards A Sustainable Future"	2022
e.	Strategies For Minimizing Disputes In Construction Contracts Among Contractors And Clients During Covid- 19 Movement Control Order (Mco) From The Perspective Of Quantity Surveyors	Penerbit Fspu Uitm Sarawak Universiti Teknologi Mara (Uitm) Cawangan Sarawak 94300 Kota Samarahan, Sarawak Malaysia	2022
f.	Covid-19 Pandemic: The Insight Of Standard Operating Procedure (Sop) Implementation For Construction Activities	Penerbit Fspu Uitm Sarawak Universiti Teknologi Mara (Uitm) Cawangan Sarawak 94300 Kota Samarahan, Sarawak Malaysia	2022
g.	Covid-19 Pandemic: The Implementation Of Communication Management Among Construction Parties	Penerbit Fspu Uitm Sarawak Universiti Teknologi Mara (Uitm) Cawangan Sarawak 94300 Kota Samarahan, Sarawak Malaysia	2022

h.	Analysis Of Property Supply Factors And Current Strategies Used To Overcome Property Overhang In The Southern Region Of Sarawak	International Paper Competition 2022 Department Of Research And Technology Ambarrukmo Tourism Institute (Stipram) Yogyakarta, Indonesia	2022
i.	The Insight Of Property Development Overhang In Sarawak: Case Study In Southern Region	7th International Built Environment Undergraduate Research Competition (Beurc)	2022
j.	Knowledge Sharing Behaviour to Accelerate Green Practices Adoption For Construction Industry	The 1 <sup>st</sup> International Conferences on Sustainable Development Goal Research @ Borneo	2021
k.	Covid-19 Pandemic: The Insight Of Standard Operating Procedure (Sop) Implementation For Construction Activities	5th International Undergraduate Seminar On Built Environment And Technology 2021	2021
l.	Remedies To Loss And Expense During Covid-19 Movement Control Order (Mco) From The Perspective Of Qs	5th International Undergraduate Seminar On Built Environment And Technology 2021	2021
m.	Tracer Report Study Sarawak Innovation, Invention & Design Expo 2019 (Siidex 2019)	Sarawak Innovation, Invention & Design Expo 2019 (Siidex 2019)	2020
n.	Sarawak Invention, Innovation & Design Expo (Siidex) Directory 2019 Uitm Sarawak	Siidex 2019 Directory	2020
o.	Process Design And Physicochemical Characterization Of Extended Aeration Activated Sludge Treatment Plant: A Case Study	Journal Of Asian Scientific Research	2020
p.	Exploring Determinants Of Healthy Workplace Elements In The Office Building	The 5th International Conference On Civil And Environmental Engineering For Sustainability	2019
q.	The Insight On Quality Assessment System In Construction (Qlassic) Implementation In Sarawak	International Conference On Advanced Manufacturing And Industry Applications	2018

## Research Grants and Contracts

- The Effect Of Market Competition And Regulation On Construction Productivity In Malaysia Econometric Modelling On Large Firms And The Industry, Kementerian Pengajian Tinggi, RM20,000.00, 01 September 2021 – 31 August 2023.
- Projek Eko Pelancongan TERAJU-UITM, TERAJU, RM 1,020,000.00, November 2019 – November 2023.
- Design And Performance Evaluation Of Sewage Treatment Plant In Uitm Sarawak, Projek Penyelidikan Dana UiTM Sarawak 2018, RM 10,000.00.
- Strata Facilities Management in Kuching, Sarawak, Projek Penyelidikan Dana UiTM Sarawak 2018, RM 3,000.00, 2018.

## Consultation & Expertise

- 2022 - Current Green building training for contractors and suppliers in Sarawak –  
 2019- 2023 Projek Eko Pelancongan TERAJU-UITM  
 2023 International Exhibition and Symposium on Productivity, Innovation, Knowledge, Education and Design (i-SPIKE 2023)  
 2024 Pengurusan Perolehan (Program Ace Wilayah Sarawak) CIDB Malaysia

## Innovation, Commercialization & Entrepreneurial

ITEM	RESEARCH TITLE / PERIOD	YEAR	ORGANISER	AWARD
a.	I-PWD	2020	Virtual Innovation Competition 2020, UiTM Kelantan	Gold
b.	ARDAM (Argumented Reality Drawings Aided Measurement)	2021	First International Business and Management Virtual Innovation & Invention of Ideas Competition (VIIC) 2021	Gold
c.	RenoCost: A Simple Cost Estimation App for House Renovation)	2022	National Innovation Invention Competition 2022, UTHM, 2022	Special Award
d.	I-PWD V2	2023	Virtual Innovation Competition 2023, UiTM Kelantan	Gold
e.	Variation In Construction Contract: Terminology, Procedure And Valuation)	2023	The International E- Content Development Competition 2023 (eCONDEV 2023)	Bronze

## Services & Administration

- Auditor Panel appointed by UiTM Cawangan Sarawak
- Panel Juror appointed by UiTM Cawangan Kelantan

## Work and Collaboration Experience

2019 – 2023 TERAJU Malaysia & UNIMAS Holding

## Awards & Recognitions

- Anugerah Perkhidmatan Cemerlang for the year 2019 by Universiti Teknologi MARA.
- Best Video (Emerald Choice Award) at The 1<sup>st</sup> International Conference on Sustainable Development Goals Research @ Borneo, 2022
- Best presenter International Conference on Build & Environmental Engineering Technology (ICOBET 2018).
- Gold innovation product (i-PWD) at Virtual Innovation Competition 2020, UiTM Kelantan 2020
- Gold innovation product (ARDAM) at First International Business and Management Virtual Innovation & Invention of Ideas Competition (VIIIIC) 2021
- Special innovation award (RenoCost) at National Innovation Invention Competition 2022, UTHM, 2022
- Gold innovation award (i-PWD V2) at Virtual Innovation Competition 2020, UiTM Kelantan 2023
- Bronze innovation award (Variation In Construction Contract: Terminology, Procedure And Valuation) at The International E-Content Development Competition 2023 (eCONDEV 2023)

## Contribution to Society

- 01/01/2020 - 30/12/2023 Projek Eko Pelancongan Teraju Sarawak
- 01/01/2016 - 31/12/2023 Ajk Induk Inisiatif Stem Uitm Cawangan Sarawak
- 18/03/2023 - 18/03/2023 Annual Meeting Rism Sarawak
- 10/05/2023 - 10/05/2023 Program Stem Sk Kenyalang, Kuching
- 07/11/2023 - 09/12/2023 Perunding Bagi Program Eksplorasi Stem - Pameran Teknologi "Carbon Capture"
- 01/09/2023 - 30/11/2023 Batik Design Competition 2023

## Other Activities

- 07/01/2023 - 07/01/2023 Qausar Perubahan Family Day
- 14/06/2023 - 14/06/2023 Perubahan Pesta Konvo UiTM Ke-96
- 23/06/2023 - 07/07/2023 Kelulusan Tanpa Peruntukan Untuk Mengadakan Aktiviti Pelajar (Bengkel Teknik Menjawab Kertas Peperiksaan Akhir Bagi Sesi 2: Dqs356 Construction Economics 111)
- 19/10/2023 - 21/10/2023 Academic Engagement Session Ap114
- 08/11/2023 - 09/11/2023 External Examiner Visit 2023
- 26/08/2023 - 30/08/2023 UiTM Sukan Muhibah
- 28/10/2023 - 28/10/2023 UiTM Alumni Fun Run