CURRICULUM VITAE

PROFESSOR Sr Ts DR ZULHABRI ISMAIL

MRISM P Tech MBOT MACPM MMSAdj
PhD Built Environment (Construction Law) [UiTM]
MSc Construction Law and Arbitration [KCL] B Legal Studies (Hons) [UiTM]
B Construction Management (Hons) [UiTM] Dip Building [ITM]
P Dip International Arbitration [MIArb-BAC] P Dip Building Surveying [RISM]
Cert Oil and Gas Law [BAC] Cert Adjudication [AIAC] Cert Mediation [MIMC]

PROFESSOR OF CONSTRUCTION MANAGEMENT AND LAW [UiTM]
DIRECTOR OF UiTM PRESS
PROFESSIONAL BUILDING SURVEYOR [RISM]
PROFESSIONAL TECHNOLOGIST [MBOT]
PANELLIST ADJUDICATOR [AIAC]
ACCREDITED MEDIATOR [MIMC]
CERTIFIED TRAINER [HRDF]

COLLEGE OF BUILT ENVIRONMENT

UNIVERSITI TEKNOLOGI MARA

Professor of Construction Management and Law Professional Surveyor | Professional Technologist | Panellist Adjudicator | Accredited Mediator

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PROFESSOR Sr Ts DR ZULHABRI ISMAIL MRISM P Tech MBOT MACPM MMSAdj

PhD Built Environment (Construction Law) [UiTM]

MSc Construction Law and Arbitration [KCL] B Legal Studies (Hons) [UiTM]

B Construction Management (Hons) [UiTM] Dip Building [ITM]

P Dip International Arbitration [MIArb-BAC] P Dip Building Surveying [RISM]

Cert Oil and Gas Law [BAC] Cert Adjudication [AIAC] Cert Mediation [MIMC]

Professor of Construction Management and Law [UiTM]

Director, UiTM Press

Panellist Adjudicator [AIAC] and Accredited Mediator [MIMC]
Certified Trainer, Human Resources Development Fund, Ministry of Human Resources Malaysia
[HRDF]

Professional Building Surveyor, Royal Institution of Surveyors Malaysia [RISM]
Professional Technologist, Malaysia Board of Technologists [MBOT]
Member of the Malaysian Society of Adjudicators [MSA]
Member of the Royal Institution of Surveyors Malaysia [RISM]
Member [Life Member] of the Association of Construction Project Managers Malaysia [ACPM]
Member of the King's College Construction Law Association United Kingdom [KCCLA]

Prof. Zulhabri is a Professor of Construction Management and Law and Director of UiTM Press. Prof. Zulhabri having both construction and legal qualifications, holds Doctor of Philosophy in the Specialisms of the Built Environment (Construction Law) and qualified as an Alternative Dispute Resolution [ADR - Arbitration, Adjudication and Mediation] Practitioner. He is a Panellist Adjudicator [AIAC] and Accredited Mediator [MIMC], Professional Building Surveyor [RISM], Professional Technologist (Building and Construction Technology) [MBOT] and Certified HRDF Trainer. His research and teaching interests are legal issues in the built environment, construction contract management and ADR. Prof. Zulhabri used to be a Fellow of Research under the Research Management Institute [RMI UiTM] between 2010 and 2012. He is a regular trainer and facilitator in Construction Law for the Royal Institution of Surveyors Malaysia [RISM], Construction Industry Development Board [CIDB], Contractors and Entrepreneur Development Division, other government and private sector agencies. He is an active researcher in Construction Management and Construction Law, to-date he has published more than 160 research articles in the said research fields, more than RM 2.0 M worth of research grants and consultation projects; and more than 60 postgraduate students under his research supervision. Prof. Zulhabri was the immediate past Chief Editor of the Built Environment Journal (BEJ), regular speaker and scholar in research methodology, research paper writing strategies and one of the research methodology experts for the Institute of Graduate Studies [IGS UiTM], Malaysia Higher Education Leadership Academy [AKEPT] and Institute of Leadership and Development [ILD UiTM]. Prof. Zulhabri was one of a few being

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appointed as a panel assessor for the Society of Construction Law Essay Writing Competition, Vincent Powell-Smith Prize (Malaysia), sits as Advisory panel and Technical Committee Member/Case Law Commentator for the Construction Industry Development Board [CIDB] Construction Law Reports from 2017 Edition onwards, Professional Expert Panel [Building and Construction Technology] and Technology and Technical Accreditation Council [TTAC] for the Malaysia Board of Technologists [MBOT], External Examiner/Advisory Panel for the Universiti Malaysia Perlis [UniMAP], Tunku Abdul Rahman University College [TAR UC], Limkokwing University of Creative Technology [LUCT] and Open University Malaysia [OUM]. Prof. Zulhabri has been appointed as the first Head of Construction Management under Deans of Built Environment Council, he is one of the assessors appointed by the Ministry of Higher Education [MoHE] for the Fundamental Research Grant Scheme [FRGS], Ministry of Science, Technology and Innovation [MOSTI] Expert Evaluation Panel for MOSTI Research and Development Fund, a Chairman/Technical Program Chair/Advisory Committee/Editorial Review Board for more than 20 indexed/non-indexed conferences and more than 20 journals. Prof. Zulhabri had working experience as a Quantity Surveyor at Berjaya Times Square project with Invescor-Dumez Jaya-Who Hup JV, MTD Capital Berhad, DRB Hicom Berhad and the Past President of the UiTM International Council for Research and Innovation in Building and Construction [CIB Student Chapter, 2009-2010]. He is consistently being appointed as a Construction Industry Expert Advisor and Consultant for Construction Law, Contract Administration, Dispute Resolution and matters pertaining to Adjudication proceedings pursuant to the Construction Industry Payment and Adjudication Act [CIPAA] 2012. As an Adjudicator, Prof. Zulhabri has delivered more than 10 Adjudication Decisions.

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CORRESPONDENCES, ACADEMIC VISIBILITY AND REFEREES

Offices School of Construction and Quantity Surveying

College of Built Environment

Universiti Teknologi MARA (UiTM)

40450 Shah Alam

Selangor MALAYSIA

Residence 32, Jalan Pegaga U12/11

Seksyen U12 Desa Alam

40170 Shah Alam

Selangor MALAYSIA

Visibility Google Scholar

https://scholar.google.com.my/citations?user=JGWzbb0AAAAJandhl=en

Academia

http://uitm.academia.edu/zulhabriismail

ResearchGate

https://www.researchgate.net/profile/Zulhabri Ismail

Email zulhabri@uitm.edu.my

Referees Professor TPr Dr Jamalunlaili Abdullah

Deputy Vice Chancellor [Industry, Community and Alumni Network]

Universiti Teknologi MARA 40450 Shah Alam, Selangor

Professor Sr Dr Zulkiflee Abd Latif

Dean [Research and Innovation]
College of Built Environment
Universiti Teknologi MARA

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1.0 ACADEMIC QUALIFICATIONS

	BACHELOR OF LEGAL STUDIES (HONS)
	Faculty of Law, Universiti Teknologi MARA [UiTM]
2019 - 2023	Out Campus Law Degree Programme. Accredited by the Legal Profession Qualifying
	Board, Malaysia [LPQB]. Top 1% in class of 2019 - 2024, 8 Semesters Dean's List, CGPA
	3.71, First Class.
	DOCTOR OF PHILOSOPHY IN THE SPECIALISMS OF THE BUILT
	ENVIRONMENT
	Area of Research in Construction Law
	Faculty of Architecture, Planning and Surveying, Universiti Teknologi MARA [UiTM]
	Research Title: A Framework for Private Dispute Resolution in the Malaysian
2007 - 2010	Construction Industry [Excellence Award Recipient]
	Supervised by Emeritus Professor Dr Johan Victor Torrance, Professor TPr Dr
	Jamalunlaili Abdullah and Professor Ir Dr Rosli Mohamad Zin [Universiti Teknologi
	Malaysia], External Examiner Professor Dr George Ofori [National University of
	Singapore] and Professor Dr Muhd Zaimi Abd Majid [Universiti Teknologi Malaysia],
	Internal Examiner Professor TPr Dr Dasimah Omar.
	MASTER OF SCIENCE IN CONSTRUCTION LAW AND ARBITRATION
	The Dickson Poon School of Law, Centre of Construction Law, King's College London
	[KCL].
2003 - 2005	Full Accredited by the Chartered Institute of Arbitrators United Kingdom [CIArb]
	Obtained merit for a research project on a Comparative Study of Arbitration Law in
	Malaysia and United Kingdom, supervised by Dr Julian Critchlow QC, Partner of Payne
	Hicks Beach, England, United Kingdom.
	BACHELOR OF CONSTRUCTION MANAGEMENT (HONS)
	Faculty of Architecture, Planning and Surveying, Universiti Teknologi MARA [UiTM]
	Full Accredited by the Chartered Institute of Building United Kingdom [CIOB]
2000 - 2002	Obtained distinction for a dissertation on the Characteristics of Professional Project
	Management in the Malaysian Construction Industry, supervised by Emeritus Professor
	Dr Johan Victor Torrance. Top 5% in class of 2000 – 2002, Dean List [GPA 3.50] for the
	overall Final Semester's performance and graduated with Second Class Upper.
1004 1007	DIPLOMA IN BUILDING
1994 – 1997	Faculty of Architecture, Planning and Surveying, Institut Teknologi MARA [ITM]

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2.0 PROFESSIONAL QUALIFICATIONS

•	PRO BONO MEDIATOR	
January 2021		
	Asian International Arbitration Centre [AIAC]	
March 2019	CERTIFICATE IN OIL AND GAS LAW	
March 2017	Specialist Certificate, School of Law, Brickfields Asia College [BAC]	
Echmony	ACCREDITED AND PANELLIST MEDIATOR	
February 2019	Bar Council Malaysian International Mediation Centre [MIMC]	
2019	Specialise in Construction Disputes	
Eshman	CERTIFICATE OF MEDIATION	
February	Professional Practicing Certificate, Bar Council Malaysian International Mediation Centre	
2019	[MIMC]	
C . 1	PROFESSIONAL DIPLOMA IN INTERNATIONAL ARBITRATION	
September –	Awarded Professional Diploma with Credit	
November	Professional Practicing Diploma, Joint Professional Programme Between the Malaysian	
2018	Institute of Arbitrators [MIArb] and School of Law, Brickfields Asia College [BAC]	
August 2018 - PROFESSIONAL BUILDING SURVEYOR		
Present	Royal Institution of Surveyors Malaysia [RISM]	
	CERTIFIED AND PANELLIST ADJUDICATOR	
I1 2010	Asian International Arbitration Centre [AIAC] Panellist Adjudicators	
July 2018 -	Specialise in Construction, Engineering, Infrastructure, Architecture, Design and Quantity	
Present	Surveying, Energy, Mining, Oil and Gas and Natural Resources	
	By Virtue of the Construction Industry Payment and Adjudication Act 2012 [Act 746]	
A = ::1 2010	CERTIFICATE IN ADJUDICATION	
April 2018		
-	Professional Practicing Certificate, Asian International Arbitration Centre [AIAC]	
February	Professional Practicing Certificate, Asian International Arbitration Centre [AIAC] REGISTERED CERTIFIED TRAINER	
February 2018 - Present		
	REGISTERED CERTIFIED TRAINER	
	REGISTERED CERTIFIED TRAINER Human Resource Development Fund [HRDF], Ministry of Human Resources Malaysia	
2018 - Present	REGISTERED CERTIFIED TRAINER Human Resource Development Fund [HRDF], Ministry of Human Resources Malaysia PROFESSIONAL TECHNOLOGIST	
2018 - Present December	REGISTERED CERTIFIED TRAINER Human Resource Development Fund [HRDF], Ministry of Human Resources Malaysia PROFESSIONAL TECHNOLOGIST Specialise in Building and Construction Technology, Malaysia Board of Technologists	
2018 - Present December	REGISTERED CERTIFIED TRAINER Human Resource Development Fund [HRDF], Ministry of Human Resources Malaysia PROFESSIONAL TECHNOLOGIST Specialise in Building and Construction Technology, Malaysia Board of Technologists [MBOT]	
2018 - Present December 2017 - Present	REGISTERED CERTIFIED TRAINER Human Resource Development Fund [HRDF], Ministry of Human Resources Malaysia PROFESSIONAL TECHNOLOGIST Specialise in Building and Construction Technology, Malaysia Board of Technologists [MBOT] By Virtue of the Technologists and Technicians Act 2015 [Act 768]	
December 2017 - Present December	REGISTERED CERTIFIED TRAINER Human Resource Development Fund [HRDF], Ministry of Human Resources Malaysia PROFESSIONAL TECHNOLOGIST Specialise in Building and Construction Technology, Malaysia Board of Technologists [MBOT] By Virtue of the Technologists and Technicians Act 2015 [Act 768] PROFESSIONAL DIPLOMA IN BUILDING SURVEYING	

PROFESSOR Sr Ts DR ZULHABRI ISMAIL

MRISM P Tech MBOT MACPM MMSAdj
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Professional Surveyor | Professional Technologist | Panellist Adjudicator | Accredited Mediator

3.0 ACADEMIC APPOINTMENT AND WORKING **EXPERIENCES**

Aug 2023 – Present	DIRECTOR OF UiTM PRESS				
L. 2022 D	PROFESSOR OF CONSTRUCTION MANAGEMENT AND LAW				
Jan 2023 – Present	College of Built Environment, UiTM				
	HEAD OF RESEARCH INITIATIVE GROUP [RIG], RESEARCH AND				
Jan 2023 – Aug 2023	INNOVATION				
5	College of Built Environment, UiTM				
	CHIEF EDITOR				
May 2023 – Aug 2023	Built Environment Journal [BE]]				
, 0	College of Built Environment, UiTM				
A 0000 D 0000	HEAD OF POSTGRADUATE STUDIES				
Aug 2022 – Dec 2022	College of Built Environment, UiTM				
0 2024 0 2024	ASSOCIATE FELLOW				
Sept 2021 – Sept 2026	Institute for Biodiversity and Sustainable Development, UiTM				
Dec 2019 – Dec 2022	ASSOCIATE MEMBER OF THE RESEARCH ETHICS COMMITTEE				
E 1 2045 I 2045	ACTING DEPUTY DEAN [ACADEMIC AFFAIRS]				
Feb 201 / – June 201 /	L 2				
	ACTING HEAD				
Feb 2017 – Mar 2017					
	e e e e e e e e e e e e e e e e e e e				
A 2017 0 2017					
Aug 2016 – Sept 2016	t de la companya de l				
	, , ,				
May 2016 – Dec 2022	<u> </u>				
j					
	PROGRAMME COORDINATOR				
	Master of Science in Integrated Construction Project Management				
Aug 2015 – July 2019	, ,				
8 3 3					
	Surveyors United Kingdom, Specialism in Construction				
M 2014 D	BOARD MEMBER				
May 2014 – Present	Faculty Disciplinary Board				
	SENIOR LECTURER [DM52]				
Feb 2011 – Apr 2016	Centre of Studies for Construction				
•	Faculty of Architecture Planning and Surveying, UiTM				
	FELLOW OF RESEARCH				
Sept 2011 – Aug 2012	Publication Unit				
	Research Management Institute, UiTM				
	FELLOW OF RESEARCH				
Sept 2010 – Aug 2011	International Grant and Centre of Excellence Unit				
	Research Management Institute, UiTM				
	PRESIDENT				
Jan 2009 – Dec 2010	International Council for Research and Innovation in Building and Construction				
	(CIB) Student Chapter UiTM				
Feb 2006 – Jan 2011	LECTURER [DM41]				
Feb 2017 – June 2017 Feb 2017 – Mar 2017 Aug 2016 – Sept 2016 May 2016 – Dec 2022 Aug 2015 – July 2019 May 2014 – Present Feb 2011 – Apr 2016 Sept 2011 – Aug 2012 Sept 2010 – Aug 2011 Jan 2009 – Dec 2010	ACTING DEPUTY DEAN [ACADEMIC AFFAIRS] Faculty of Architecture, Planning and Surveying, UiTM ACTING HEAD Centre of Studies for Postgraduate Faculty of Architecture, Planning and Surveying, UiTM ACTING DEPUTY DEAN [ACADEMIC AFFAIRS] Faculty of Architecture, Planning and Surveying, UiTM ASSOCIATE PROFESSOR [DM54] Centre of Studies for Construction Faculty of Architecture, Planning and Surveying, UiTM PROGRAMME COORDINATOR Master of Science in Integrated Construction Project Management Faculty of Architecture, Planning and Surveying, UiTM The Programme is Fully Accredited by the Royal Institution of Chartere Surveyors United Kingdom, Specialism in Construction BOARD MEMBER Faculty Disciplinary Board SENIOR LECTURER [DM52] Centre of Studies for Construction Faculty of Architecture Planning and Surveying, UiTM FELLOW OF RESEARCH Publication Unit Research Management Institute, UiTM FELLOW OF RESEARCH International Grant and Centre of Excellence Unit Research Management Institute, UiTM PRESIDENT International Council for Research and Innovation in Building and Constructio (CIB) Student Chapter UiTM				

Professional Surveyor Professional Technologist Panellist Adjudicator Accredited Mediator			
	Centre of Studies for Construction		
	Faculty of Architecture Planning and Surveying, UiTM		
	YOUNG LECTURER		
May 2005 – Jan 2006	Department of Building		
-	Faculty of Architecture Planning and Surveying, UiTM		
	QUANTITY SURVEYOR FOR BUILDING WORKS		
2002 - 2003	Electrified Double Track Railway Project Rawang – Ipoh		
	DRB-HICOM Berhad		
	ASSISTANT QUANTITY SURVEYOR		
2000 - 2001	Medium Cost Housing Project at Desa Tasik, Sungai Besi, Kuala Lumpur		
	MTD Construction Sdn Bhd		
	JUNIOR QUANTITY SURVEYOR		
1997 - 2000	Invescor-Dumez Jaya-Who Hup Joint Venture		
	Berjaya Times Square Project, Kuala Lumpur		
1996 – 1997	TRAINEE QUANTITY SURVEYOR		
1990 - 1997	Tilbury Douglas (M) Sdn Bhd		
-	·		

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4.0 AFFILIATIONS

4.1 ACADEMIC AND RESEARCH

- Professor of Construction Management and Law, College of Built Environment [Previously known as the Faculty of Architecture, Planning and Surveying] Universiti Teknologi MARA [UiTM].
- Director of UiTM Press [15/8/2023 present].
- Past Head of Research Initiative Group (RIG), Research and Innovation, College of Built Environment, Universiti Teknologi MARA [UiTM].
- Past Head of Postgraduate Studies, Faculty of Architecture, Planning and Surveying, Universiti Teknologi MARA [UiTM].
- Module Leader in Contract Management, Master of Science in Integrated Construction Project Management, College of Built Environment, Universiti Teknologi MARA [UiTM].
- Module Leader in Research Project, Master of Science in Integrated Construction Project Management, College of Built Environment, Universiti Teknologi MARA [UiTM].
- Chief Editor, Built Environment Journal (BEJ) [15/5/2023 present].
- Head of Committee for Construction Management, Majlis Dekan Alam Bina [1/7/2019 30/6/2021].
- Past Programme Coordinator of Master of Science in Integrated Construction Project Management, Faculty of Architecture, Planning and Surveying, Universiti Teknologi MARA [UiTM] [August 2015 – July 2019]. The programme is fully accredited by the Royal Institution of Chartered Surveyors United Kingdom, Specialism in Construction.
- UiTM Vanguard Researcher, Community of Research on Green Technology and Sustainable Development.
- Malaysia Higher Education Leadership Research and Publication (Writing and Publication) Scholar.
- Past President of the UiTM International Council for Research and Innovation in Building and Construction [CIB Student Chapter, 2009/2010].

4.2 PROFESSIONAL

- Asian International Arbitration Centre [AIAC] Pro Bono Mediator since January 2021.
- Member of the Malaysian Institute of Arbitrators [MIArb] since February 2019 until February 2021, Membership No M/521.
- Bar Council Malaysian International Mediation Centre [MIMC] Panellist Mediator since February 2019 December 2022 and Accredited Mediator February 2019 Present.
- Member of the Royal Institution of Surveyors Malaysia [RISM], Building Surveying Division since 29 August 2018, Membership No M6789.
- Fellow [Pioneer Member] of the Asian Institute of Alternative Dispute Resolution [AiADR] between September 2018 2020, Membership No A1800098.
- Member of the Malaysian Society of Adjudicators [MSAdj] since March 2019, Membership No MSA-008-19.

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- Asian International Arbitration Centre [AIAC] Panellist Adjudicator since July 2018, Certificate No 0563(Adj)/2018, Panellist No 0563.
- Registered Professional Construction Adjudicator, Construction Industry Payment and Adjudication Act 2012 [CIPAA] and Accredited Adjudicator.
- Registered Certified Trainer, Human Resource Development Fund, Ministry of Human Resources Malaysia [HRDF] since 2018, Certificate No 5509.
- Registered Professional Building and Construction Technologist (P. Tech.), Malaysia Board of Technologists [MBOT] since 21 December 2017, Membership No PT17120010.
- Member [Life Member] of the Association of Construction Project Managers Malaysia [ACPM] since 2016, Membership No OM0144, Council Member (Executive Committee) 2017 2019, Chairman of Research and Development.
- Member of the International Society for Development and Sustainability [ISDS] since 2016, Membership No 160057.
- Malaysia Higher Education Teaching Permit Holder for Private Institute of Higher Learning since 2016, Permit No PM/IPTS/2015/10/0642. Approved modules Legal Issues in Project Management, Construction Law 1, Construction Law 2, Research Methodology and Environmental Law and Policy.
- Member of the Association of Researchers in Construction Management [ARCOM] since 2015, Membership No 1598.
- Member of the Chartered Institute of Arbitrators United Kingdom [CIArb] between 2008 2020, Membership No 025853.
- Member of the King's College Construction Law Association [KCCLA] since 2005.

5.0 SUBJECT MATTER EXPERT AND ALTERNATIVE DISPUTE RESOLUTION [ADR] PRACTITIONER

- 1. Contract Administration Advisor and Building Surveyor, K Builders Training and Consulting, since 2010.
- 2. Contract Administration Advisor, SHAPADU Energy Services Sdn Bhd, since 2010.
- 3. Technology and Technical Accreditation Council [TTAC], Malaysia Board of Technologists [MBOT] Field Building and Construction Technology, Since November 2019.
- 4. Speaker, Dispute Resolution Options in Construction, Program Luncheon Webinar Series on Current Construction Law Issues, 10 January 2022.
- 5. Expert Trainer, Webinar on Mediation, Bahagian Pembangunan Kontraktor dan Usahawan [BPKU], Pusat Khidmat Kontraktor [PKK], 28 August 2021.
- 6. Expert Trainer, Webinar on Construction Industry Payment and Adjudication Act [CIPAA 2012], Bahagian Pembangunan Kontraktor dan Usahawan [BPKU], Pusat Khidmat Kontraktor [PKK], 27 May 2021.
- 7. Expert Trainer, Webinar on Mediation, Bahagian Pembangunan Kontraktor dan Usahawan [BPKU], Pusat Khidmat Kontraktor [PKK], 20 May 2021.
- 8. Expert Trainer, Webinar on Mediation, Bahagian Pembangunan Kontraktor dan Usahawan [BPKU], Pusat Khidmat Kontraktor [PKK], 8 April 2021.
- 9. Expert Trainer, Webinar on Mediation, Bahagian Pembangunan Kontraktor dan Usahawan [BPKU], Pusat Khidmat Kontraktor [PKK], 18 March 2021.
- 10. Expert Trainer, Webinar on Mediation, Bahagian Pembangunan Kontraktor dan Usahawan [BPKU], Pusat Khidmat Kontraktor [PKK], 17 March 2021.

Professor of Construction Management and Law

- 11. Expert Trainer, Webinar on Mediation, Bahagian Pembangunan Kontraktor dan Usahawan [BPKU], Pusat Khidmat Kontraktor [PKK], 10 March 2021.
- 12. Webinar, Professional Talk 2.0, Construction Industry Payment and Adjudication Act 2012 [CIPAA] Alternative Dispute Resolution [ADR], Faculty of Architecture Planning and Surveying, Universiti Teknologi MARA [UiTM], 27 January 2021.
- 13. Professional Assessment Expert Panel, Malaysia Board of Technologists [MBOT] Field Building and Construction Technology, Appointment for 22 April 2019 21 April 2021.
- 14. Presiding Judge in the Preliminary Rounds of the Asian Law Students' Association [ALSA] International Mediation Competition 2020, Asian International Arbitration Centre [AIAC], 16 17 October 2020.
- 15. Expert Trainer, Construction Industry Payment and Adjudication Act [CIPAA 2012], Bahagian Pembangunan Kontraktor dan Usahawan [BPKU], Pusat Khidmat Kontraktor Perak, 27 July 2020.
- Expert Trainer, Construction Industry Payment and Adjudication Act [CIPAA 2012], Bahagian Pembangunan Kontraktor dan Usahawan [BPKU], Pusat Khidmat Kontraktor Melaka, 23 July 2020.
- 17. Webinar, Professional Talk 1.0, Alternative Dispute Resolution [ADR] in Resolving Construction Disputes, Faculty of Architecture Planning and Surveying, Universiti Teknologi MARA [UiTM], 3 September 2020.
- 18. CIDB Construction Law Report 2021 Edition (Summary of 2020 Written Judgments and Lesson Learnt), Appointed as a Commentator for the case of <u>IRDK Venture Sdn Bhd v Econpile (M) Sdn Bhd [2020] MLJU 939</u> on setting aside of Adjudication Decision pursuant to the Construction Industry Payment and Adjudication Act 2012 [CIPAA].
- 19. CIDB Construction Law Report 2021 Edition (Summary of 2020 Written Judgments and Lesson Learnt), Appointed as a Commentator for the case of <u>Ireka Engineering and Construction Sdn Bhd v</u> <u>PWC Corp Sdn Bhd and other appeals [2020] 1 MLJ 311</u> on prospective nature of the Construction Industry Payment and Adjudication Act 2012 [CIPAA].
- 20. CIDB Construction Law Report 2020 Edition (Summary of 2019 Written Judgments and Lesson Learnt), Appointed as a Commentator for the cases of <u>Jack-In Pile (M) Sdn Bhd v Bauer (Malaysia)</u> <u>Sdn Bhd</u> Federal Court (Appellate Jurisdiction), Civil Appeal No: 02(f)-58-07/2018(B) on Prohibition of Conditional Payment pursuant to Section 35 of the Construction Industry Payment and Adjudication Act 2012 [CIPAA].
- 21. CIDB Construction Law Report 2020 Edition (Summary of 2019 Written Judgments and Lesson Learnt), Appointed as a Commentator for the cases of <u>Skyworld Development Sdn Bhd v Zalam Corporation Sdn Bhd</u> High Court Kuala Lumpur, Originating Summons No: WA-24(C)-212-09/2018 on Delay of Adjudication Decision.
- 22. Member of the Construction Industry Development Board [CIDB] Technical Working Group for CIDB Construction Law Report 2019, 2020 Edition.
- 23. Chairman, Accreditation Evaluation Panel for Full Accreditation Assessment on Behalf of the Technology and Technical Accreditation Council [TTAC], Malaysia Board of Technologists [MBOT], Diploma in Construction Technology, Kolej Vokasional Gerik, 2-3 March 2020.
- 24. Chairman, Accreditation Evaluation Panel for Full Accreditation Assessment on Behalf of the Technology and Technical Accreditation Council [TTAC], Malaysia Board of Technologists [MBOT], Diploma in Construction Technology, Kolej Vokasional Ampangan Seremban Negeri Sembilan, 6-7 February 2020.
- 25. Member of the Construction Industry Development Board [CIDB] Technical Working Group for CIDB Construction Law Report 2018, 2019 Edition.

Professor of Construction Management and Law

- 26. Professional Assessment Expert Panel Session 55/2019, Malaysia Board of Technologist [MBOT] Field Building and Construction Technology, 17 October 2019.
- 27. Professional Assessment Expert Panel Session 28/2019, Malaysia Board of Technologist [MBOT] Field Building and Construction Technology, 8 August 2019.
- 28. Professional Assessment Expert Panel Session 26/2019, Malaysia Board of Technologist [MBOT] Field Building and Construction Technology, 19 July 2019.
- 29. CIDB Construction Law Report 2019 Edition (Summary of 2018 Written Judgments and Lesson Learnt), Appointed as a Commentator from Construction Practitioner Perspective for the Case of *City Cabinet Factory Sdn Bhd v Pembinaan Pasti Dinamik Sdn Bhd* High Court, Kuala Lumpur [Civil Appeal No: WA-12BC-2-04/2018] 1 October 2018.
- 30. CIDB Construction Law Report 2019 Edition (Summary of 2018 Written Judgments and Lesson Learnt), Appointed as a Commentator from Construction Practitioner Perspective for the Case of *Kerajaan Malaysia (Jabatan Kerja Raya) v Global Globe (M) Sdn Bhd*, Court of Appeal, Putrajaya [Civil Appeal No: W-01(C)(A)-190-05-2016] 3 September 2018.
- 31. Member of the Construction Industry Development Board [CIDB] Technical Working Group for Construction Law Report 2017, 2018 Edition.
- 32. Expert Trainer, Continuing Professional Development [CPD] Program, Construction Industry Development Board Holdings [CIDB Holdings], 1 January 2019 31 December 2019.
- 33. Expert Trainer, Continuing Professional Development [CPD] Program on Construction Industry Payment and Adjudication Act 2012: Salient Features and Guidance for Adjudication Proceedings, Construction Industry Development Board Holdings [CIDB Holdings] Kuala Lumpur, 18 19 November 2019.
- 34. Expert Trainer, Construction Industry Payment and Adjudication Act [CIPAA 2012], Bahagian Pembangunan Kontraktor dan Usahawan [BPKU] Putrajaya, 6 7 August 2019.
- 35. Expert Trainer, Continuing Professional Development [CPD] Program on Construction Industry Payment and Adjudication Act 2012: Salient Features and Guidance for Adjudication Proceedings, Construction Industry Development Board Holdings [CIDB Holdings] Melaka, 17 18 July 2019.
- 36. Expert Trainer, Construction Industry Payment and Adjudication Act [CIPAA 2012], Bahagian Pembangunan Kontraktor dan Usahawan [BPKU] Sabah, 24 July 2019.
- 37. Expert Trainer, Construction Industry Payment and Adjudication Act [CIPAA 2012], Bahagian Pembangunan Kontraktor dan Usahawan [BPKU] Johor, 14 July 2019.
- 38. Expert Trainer, Continuing Professional Development [CPD] Program on Understanding Dispute Resolution [Alternative Dispute Resolution] for Contractors, Construction Industry Development Board Holdings [CIDB Holdings] Kuala Lumpur, 27 June 2019.
- 39. Expert Trainer, Construction Industry Payment and Adjudication Act [CIPAA 2012], Bahagian Pembangunan Kontraktor dan Usahawan [BPKU] Kuala Selangor, 26 June 2019.
- 40. Expert Trainer, Construction Industry Payment and Adjudication Act 2012: Salient Features and Guidance for Adjudication Proceedings, Indah Water Konsortium [IWK], 29 30 April 2019
- 41. Expert Trainer, Continuing Professional Development [CPD] Program on Construction Industry Payment and Adjudication Act 2012: Salient Features and Guidance for Adjudication Proceedings, Construction Industry Development Board Holdings [CIDB Holdings], 10 11 April 2019.
- 42. Expert Trainer, Continuing Professional Development [CPD] Program on Understanding Construction Law for Contractors, Construction Industry Development Board Holdings [CIDB Holdings], 11 March 2019.
- 43. Expert Trainer, Continuing Professional Development [CPD] Program on Understanding Construction for Contractors, Construction Industry Development Board Holdings [CIDB Holdings], 11 March 2019.

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- 44. CIDB Construction Law Report 2018 Edition (Summary of 2017 Written Judgments and Lesson Learnt), Appointed as a Commentator from Construction Practitioner Perspective for the Case of <u>R and U Construction and Development Sdn Bhd v Perbadanan Kemajuan Negeri Selangor</u>, High Court (Shah Alam) 21C-3-09/2015 on Defective Works and Liquidated Damages.
- 45. CIDB Construction Law Report 2018 Edition (Summary of 2017 Written Judgments and Lesson Learnt), Appointed as a Commentator from Construction Practitioner Perspective for the Case of *Digital Builders Sdn Bhd v Kerajaan Malaysia*, High Court (Kuala Terengganu) TA 21C 1- 01 / 2016.
- 46. Expert Trainer, Construction Industry Payment and Adjudication Act [CIPAA 2012], Bahagian Pembangunan Kontraktor dan Usahawan [BPKU] Kuala Selangor, 28 29 August 2018.
- 47. Expert Trainer, Construction Industry Payment and Adjudication Act [CIPAA 2012], Bahagian Pembangunan Kontraktor dan Usahawan [BPKU] Pahang, 15 May 2018.
- 48. Expert Trainer, Contract Administration and the Construction Industry Payment and Adjudication Act (CIPAA 2012), Bahagian Pembangunan Kontraktor dan Usahawan [BPKU] Kelantan, 13 14 April 2018.
- 49. Invited Speaker and Facilitator, Contract Administration and the Construction Industry Payment and Adjudication Act (CIPAA 2012), Bahagian Pembangunan Kontraktor dan Usahawan [BPKU] Kedah, 20 February 2018.
- 50. Speaker and Facilitator, Contract Administration and Construction Law, Majlis Amanah Rakyat [MARA], 12 14 July 2017.
- 51. Expert Trainer, Training Programme 5 for Certified Project Managers and Certification, Learning Programme 12 on Dispute Resolution, Construction Industry Development Board [CIDB], 4 December 2017.
- 52. Expert Panel, Construction Industry Development Board of Malaysia [CIDB], Contractors Specialise Training Module on Piling Works, Invited Expert Panel to Upgrade the Examination Questions, 6-8 October 2017.
- 53. Programme Developer, Bachelor of Science (Hons) in Construction Management, Faculty of Science, Technology, Engineering and Mathematics, International University of Malaya Wales [IUMW] 30 October 2017. Specialise areas in Contract Management, Construction Law, Sustainable Construction, Dissertation I and Dissertation II.
- 54. Programme Developer, Bachelor of Quantity Surveying (Hons), University College Sedaya International [UCSI]. Specialise areas in Construction Law and Dispute Resolution I, Construction Law and Dispute Resolution II, Legal Studies, Sustainability and Innovation in Construction, Dissertation I and Dissertation II.
- 55. Invited Expert Panel, Construction Industry Development Board of Malaysia [CIDB], Contractors Specialise Training Module on Piling Works, Invited Expert Panel to Upgrade the Examination Questions, 6 8 October 2017.
- 56. Invited Expert Panel, Construction Industry Development Board of Malaysia [CIDB], Contractors Specialise Training Module on Piling Works, Invited Expert Panel to Upgrade the Examination Questions, 15 17 September 2017.
- 57. Invited Expert Panel, Construction Industry Development Board of Malaysia [CIDB], Contractors Specialise Training Module on Piling Works, Invited Expert Panel to Upgrade the Examination Questions, 25 27 August 2017.
- 58. Invited Speaker, Ecobuild Southeast Asia 2017 Seminar in conjunction with the International Construction Week (ICW 2017), Paper Presentation: Creativity in Project Management, special invitation from the Association of Construction Project Managers Malaysia [ACPM], 13 April 2017. http://www.ecobuildsea.com

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- 59. Focus Group Member for the Validation of Islamic Project Management Framework of Construction and Development Industry, 15 December 2016.
- 60. Expert/Industry Speaker, UiTM-Sime Darby Postgraduate Diploma in Project Management, Trainer for Legal Issues in Construction Contracts (2016).
- 61. Expert/Industry Lecturer, Faculty of Science, Technology, Engineering and Mathematics, International University of Malaya Wales (2015 Present): Legal Issues in Project Management for Master of Science in Project Management.
- 62. Speaker, Research and Development Enhances Construction Best Practices; NOVUS Chartered Institute of Building Malaysia, 21 November 2014. http://events.ciob.org/sites/default/files/event/Novus%20Brochure%202014%20-%20Final.pdf
- 63. Expert/Industry Lecturer, Faculty of Built Environment, Universiti Malaya (2013 Present): Ethics, Professionalism and Legal Issues in Project Management for Master of Science in Project Management.
- 64. Speaker, Construction Contract Procedure and Management, Polytechnic Malaysia, 21 October 2013.
- 65. Speaker, Green Technology in Construction Industry, Contractor Service Centre, 4 April 2013.
- 66. Expert Speaker, Contractor Service Centre [PKK] (Registered as a Contract Administration and Construction Law Speaker since 2012).
- 67. Expert Trainer, UiTM-Sime Darby Consultancy Program in Construction Contract Management and Law (2012).
- 68. Expert Invited Lecturer, Faculty of Mechanical Engineering, UiTM (2010-2013): Contracts and Legal Issues in Engineering Projects for Master in Engineering Management.
- 69. Faculty of Architecture, Planning and Surveying, UiTM: Construction Contracts for Master of Science in Integrated Construction Project Management [MSc ICPM] and Bachelor of Science in Construction Management (Hons), Research Advisor for MSc ICPM and Master of Science in Facilities Management candidates for Construction Law and Management related research.
- 70. Expert Invited Lecturer, Faculty of Civil Engineering, UiTM (2013): Construction Law and Contract Procedure for Master of Science in Construction Engineering.
- 71. Member, Technical Working Group (TWG), Revision of the Model Terms of Sub Contract for Sub Contract Works 2009, Construction Industry Development Board [CIDB] (October 2012 January 2013).
- 72. Member, UiTM Working Group meeting with Implementation Coordination Unit [ICU], Prime Minister's Department, Putrajaya, 4 October 2012.
- 73. Invited Guest Speaker, Faculty of Law, UiTM (2012).
- 74. Tutorial Speaker entitles "Private Dispute Resolution in Engineering Projects", IEEE Symposium on Business Engineering and Industrial Application (ISBEIA 2012), 23 September 2012 Hyatt Regency Bandung, Indonesia.
- 75. UiTM-Sime Darby Consultancy Program in Construction Contract Management and Law (Executive Diploma in Contract Management). Trainer/Consultant for Construction Law and Contract Management (7 August 28 August 2012).
- 76. Inaugural Judging Panel, Society of Construction Law Essay Writing Competition for Vincent Powell-Smith Prize (National Level). Society of Construction Law Malaysia, July 2012.
- 77. Speaker, Construction Contract Administration for Contractors, Contractor Service Centre, 25 June 2012.
- 78. External Examiner/Advisor, Bachelor of Science in Construction Management (Hons). Faculty of Architecture and Built Environment [FABE], Limkokwing University of Creative Technology [LUCT], February 2012 February 2013.

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- 79. Consultant, Construction Law and Contract Administration, Contract Strategies and Administration between RMI/UiTM and PT Perumahan Pembangunan, JI. Raya Puncak KM 77, Cisarua Bogor, Indonesia, 17-21 January 2011.
- 80. Speaker, Construction Contract, 21 24 September 2010, K-Builders-RMI, Politeknik Kota Bharu Kelantan.
- 81. Consultant, Site Management for Engineers (Introduction to Contract Management) 3-4 August 2010, Construction Industry Development Board [CIDB], Kedah. [CIDB Continuing Professional Development Program].
- 82. Consultant, Project Management (Contract Management in Project Management), 7-10 June 2010, CIDB Kota Kinabalu.
- 83. Consultant, Contract Procedure and Management, 13-14 April 2010, CIDB Kedah. [CIDB Continuing Professional Development Program].
- 84. Speaker, Contract Procedure and Management, October 2009, CIDB Melaka [CIDB Continuing Professional Development Program].
- 85. Consultant, Contract Procedure and Management, October 2009, Iskandar Regional Development Board-CIDB Malaysia.
- 86. Consultant, Amalan, Prosedur Tender dan Kontrak Binaan, 20 24 July 2009, CIDB Malaysia. [CIDB Continuing Professional Development Program].
- 87. Invited as one of Dispute Resolution Experts by CIDB to develop National Adjudication Competency Standard (NASC) under the purview of Construction Industry Payment and Adjudication Act (CIPAA), 2009.
- 88. Committee for the CIDB Design and Build Contract Standard Form of Construction Contract and Model Terms of Construction Contract for Subcontract Work (Construction Industry Contract Committee member Represented UiTM), 2009.
- 89. Expert Invited Lecturer, Faculty of Built Environment, Universiti Malaya (2008-2010): Construction Law for Bachelor of Quantity Surveying and Bachelor of Building Surveying.
- 90. Expert Invited Speaker/Facilitator, Royal Institution of Surveyors Malaysia [RISM]. Professional Examination in Construction Law (since 2007).
- 91. Expert Invited Speaker/Facilitator, Contractors Continuous Development, Construction Industry Development Board of Malaysia [CIDB], Speaker for Construction Contract Administration (since 2007).

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5.1 APPOINTMENT AS ADJUDICATOR PURSUANT TO THE CONSTRUCTION INDUSTRY PAYMENT AND ADJUDICATION ACT 2012 [ACT 746]

	CAPACITY	DISPUTED PARTIES	REFERENCE NO	STATUS	DATE
1.	ADJUDICATOR	Sub-Contractor v Main Contractor	ADJ-4952-2023	Adjudication Decision	15/12/2023
2.	ADJUDICATOR	Sub-Contractor v Main Contractor	ADJ-4554-2022	Adjudication Decision	01/03/2023
3.	ADJUDICATOR	Main Contractor v Employer	ADJ-4222-2022	Adjudication Decision	12/08/2022
4.	ADJUDICATOR	Main Contractor v Employer	ADJ-3838-2021	Adjudication Decision	19/11/2021
5.	ADJUDICATOR	Sub-Contractor v Main Contractor	ADJ-3495-2021	Adjudication Decision	19/04/2021
6.	ADJUDICATOR	Sub-Contractor v Main Contractor	ADJ-3094-2020	Set Aside Adjudication Proceedings	18/01/2021
7.	ADJUDICATOR	Sub-Contractor v Main Contractor	ADJ-2693-2019	Adjudication Decision	16/12/2019
8.	ADJUDICATOR	Sub-Contractor v Contractor	ADJ-2411-2019	Adjudication Decision	09/08/2019
9.	ADJUDICATOR	Sub-Contractor v Main Contractor	ADJ-2158-2018	Adjudication Decision	20/03/2019
10.	ADJUDICATOR	Sub-Contractor v Main Contractor	ADJ-1844-2018	Adjudication Decision	30/10/2018

5.2 ADJUDICATION DECISION CITED IN THE SUPERIOR COURTS

CASE CITATION	COURT
1. <u>Giga Engineering and Construction Sdn Bhd v Hercules Structural System Sdn Bhd</u> [2021] MLJU 1628	High Court

5.3 APPOINTMENT AS MEDIATOR PURSUANT TO THE MEDIATION ACT 2012 [ACT 749]

CAPACITY	DISPUTED PARTIES	REFERENCE NO	STATUS	DATE
1. MEDIATOR	Lead Consultant v Employer	BC/PA/A51/2019 [MIMC/008/19]	Completed	25/06/2020

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6.0 CONTINOUS PROFESSIONAL DEVELOPMENT SESSIONS ATTENDED

- 1. AIAC Adjudicators Continuing Competency Development [CCD] Workshop Series Recent Case Law Updates in Adjudication, 29 April 2023.
- 2. AIAC Adjudicators Continuing Competency Development [CCD] Workshop Series Approaching Set-Off Claims for Liquidated Ascertain Damages [LAD], Non-Completion, Extension of Time [EOT] and Others in Adjudication, 30 March 2022.
- 3. AIAC Adjudicators Continuing Competency Development [CCD] Workshop Series Handling Jurisdictional and Natural Justice Challenges Issues, 12 March 2022.
- 4. AIAC Adjudicators Continuing Competency Development [CCD] Workshop Series Recent Case Law Updates on Adjudication Part 1, 26th February 2022.
- 5. AIAC Adjudicators Continuing Competency Development [CCD] Workshop Series 5 Practical Tips On Addressing Completion, Handling Over And Defective Issues, 26 June 2021.
- 6. AIAC Adjudicators Continuing Competency Development [CCD] Workshop Series 4 Practical Tips on Handling Particular Procedural Issues in Adjudication, 24 April 2021.
- 7. AIAC Adjudicators Continuing Competency Development [CCD] Workshop Series 3 Effective Adjudication Decision Writing Skills, 27 March 2021.
- 8. AIAC Adjudicators Continuing Competency Development [CCD] Workshop Series 2 *Understanding Financial and Payment Documentation in Adjudications*, 27 February 2021.
- 9. AIAC Adjudicators Continuing Competency Development [CCD] Workshop Series 1 *Adjudication Case Law Update*, 30 Januari 2021.
- 10. Bengkel Latihan Panel Penilai Majlis Akreditasi Teknologi dan Teknikal [TTAC], Lembaga Teknologis Malaysia [MBOT], 3-4 August 2019, Universiti Malaysia Perlis [UniMAP].
- 11. Asia ADR Week 2019, CIPAA Conference Week 2019, 29 June 2019, Asian International Arbitration Centre (AIAC), Kuala Lumpur.
- 12. Drafting a Valid and Enforceable Adjudication Decision, 18 May 2019, Malaysian Society of Adjudicators, Asian International Arbitration Centre [AIAC].
- 13. Certificate in Oil and Gas Law, 16, 17, 23 and 24 March 2019, Professional Law Series, School of Law, Brickfields Asia College [BAC].
- 14. Refesher Course on Effective Drafting of Submissions in Adjudication, 9 March 2019, Malaysian Society of Adjudicators, Asian International Arbitration Centre [AIAC].
- 15. Mediation Skills Training Course, 16 20 January 2019, The Northam All Suite Penang, Organised by the Mediation Subcommittee of the Bar Council Alternative Dispute Resolution Committee, Malaysian Mediation Centre.
- 16. Official Launch of Asian International Arbitration Centre [AIAC] 2019 Standard Forms, 28 November 2018, AIAC Bangunan Sulaiman Kuala Lumpur, 3.00pm 6.00pm.
- 17. International Bar Association [IBA] Asia Pacific Regional Forum [APAG] International Arbitration Training Day, 21 November 2018, AIAC Bangunan Sulaiman Kuala Lumpur, 1.00 pm 5.00pm.
- 18. Expert Witnesses in Arbitration: Ships Passing in the Night or Foundering on the Rocks, 12 November 2018, Seminar Room 1, AIAC Bangunan Sulaiman Kuala Lumpur, 6.00pm 7.30pm.
- 19. Building Your Career in International Arbitration: How to Get Your First Appointment as an Arbitrator and Other Tips, 25 October 2018, SEM 1 AIAC Pavillion, 6.30 7.30pm, Organised by AIAC and AIAC Young Practitioners Group.
- 20. Professional Diploma in International Arbitration, 22 September 3 November 2018, Joint Professional Programme Between the Brickfield Asia College [BAC] and the Malaysian Institute of Arbitrators [MIArb].

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- 21. Building Surveyor Competencies: International and Local Perspectives, 10 August 2018, Building Surveying Division of the Royal Institution of Surveyors Malaysia, CPD 3 Points.
- 22. Construction Industry Payment and Adjudication Act 2012 [CIPAA] KLRCA Certificate in Adjudication, 18 22 November 2017, Kuala Lumpur Regional Centre for Arbitration.
- 23. Construction Industry Payment and Adjudication Act 2012 [CIPAA] and Its Implications Towards the Construction Industry, 30 November 2017, Building Surveying Division of the Royal Institution of Surveyors Malaysia, CPD 5 Points.
- 24. Building Surveyor Roles in Property Risk Management, 26 October 2017, Building Surveying Division of the Royal Institution of Surveyors Malaysia, CPD 5 Points.

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7.0 AREA OF RESEARCH

- Alternative Dispute Resolution
- Construction Contract Management
- Construction Law
- Construction Project Management/Construction Management
- Environmental Management in Construction
- Green Buildings
- Legal issues and Policy Aspects of the Built Environment/Engineering
- Oil and Gas Contracts
- Statutory Control of Building/Construction

8.0 TEACHING SUBJECTS

8.1 MASTER OF SCIENCE IN INTEGRATED CONSTRUCTION PROJECT MANAGEMENT

- CPA713 Contract Management (Resource Person/Module Leader)
- CPA763 Research Methodology
- ICP824 Construction Procurements and Contracts (Resource Person/Module Leader)
- ICP853 Research Methodology and Methods (Resource Person/Module Leader)
- ICP857 Dissertation (Resource Person/Module Leader)

8.2 BACHELOR OF SCIENCE (HONS) IN CONSTRUCTION MANAGEMENT

- CMA543 Construction Procurement and Contract
- CMA443 Legal Studies in Construction
- BCM563 Construction Law (Resource Person/Module Leader)
- BCM643 Contract Management

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9.0 CONFERENCE CHAIR/TECHNICAL PROGRAMME CHAIR/ADVISORY PANEL

- 1. **Advisor,** International Invention, Innovation and Design Exposition for Built Environment and Engineering (IIIDBEE) 2023, 20 January 2023.
- 2. **Advisor,** International Conference on Built Environment and Engineering 2022 (ICONBEE), 18 19 October 2022.
- 3. **Scientific Committee,** 1st International Conference on Biodiversity and Sustainable Development 2021 (IBIOSDG), 23 24 November 2021.
- 4. **Advisor and Scientific Committee,** International Conference on Built Environment and Engineering 2018 (ICONBEE), 29 30 October 2018.
- 5. **Chair,** Second International Conference on Science and Social Research (CSSR 2015) 5 6 October 2015.
- 6. **Technical Program Committee**, IEEE Symposium on Business, Engineering and Industrial Application (ISBEIA 2014), 28 September 1 October 2014, Sabah, Malaysia.
- 7. **Technical Program Chair**, International Civil and Infrastructure Engineering Conference (InCIEC 2014), 28 30 September 2014, Sabah, Malaysia.
- 8. **Advisor,** Second International Conference on Advanced Micro and Nano Composite for Engineering 2014, 7 9 April 2014, Bayview Hotel Penang.
- 9. **Advisor,** Arshad Ayub Graduate Business School (AAGBS) International Conference on Business Management (AiCoBM 2014), 6-8 April 2014.
- 10. **Chair,** IEEE Colloquium on Humanities, Science and Engineering Research (CHUSER 2014), 7 9 April 2014, Hard Rock Hotel Penang.
- 11. **Co-Chair**, Colloquium on Administrative Science and Technology (CoAST 2013), 22 25 September 2013, Pullman Hotel Kuching, Sarawak, Malaysia.
- 12. **Technical Program Chair**, IEEE Symposium on Business, Engineering and Industrial Application (ISBEIA 2013), 22 25 September 2013, Pullman Hotel Kuching, Sarawak, Malaysia.
- 13. **Technical Program Chair**, International Civil and Infrastructure Engineering Conference (InCIEC 2013), 22-25 September 2013, Pullman Hotel Kuching, Sarawak, Malaysia.
- 14. **Chair,** Symposium on Humanities, Science and Engineering Research (SHUSER 2013), 23-25 June 2013, Hard Rock Hotel, Penang.
- 15. **Technical Program Chair,** IEEE Business, Engineering and Industrial Applications Colloquium (BEIAC 2013), 8 9 April 2013, Bayview Hotel, Langkawi.
- 16. **Chair,** IEEE Colloquium on Humanities, Science and Engineering Research (CHUSER 2012), 3-4 December 2012, Sutera Harbour Resort, Kota Kinabalu, Sabah.
- 17. **Chair**, IEEE Symposium on Business, Engineering and Industrial Application (ISBEIA 2012), 23 26 September 2012. Joint venture symposium between IEEE Malaysia and IEEE Indonesia. Hyatt Regency, Bandung, Indonesia.
- 18. **Technical Program Chair,** Symposium on Humanities, Science and Engineering Research (SHUSER 2012), 24 27 June 2012, Renaissance Hotel, Kuala Lumpur.
- 19. **Chair,** IEEE Business, Engineering and Industrial Applications Colloquium (BEIAC 2012), 7 8 April 2012, Renaissance Hotel, Kuala Lumpur.
- 20. **Track Chair** (Engineering Management, Engineering Education and Project Management) 2011 IEEE Students Conference on Research and Development (IEEE SCORED 2011), 19 20 December 2011, Multi Media University Cyberjaya.
- 21. **Technical Program Chair,** IEEE Colloquium on Humanities, Science and Engineering Research (CHUSER 2011), 5 6 December 2011, Park Royal Hotel, Penang.

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- 22. **Chair**, IEEE Symposium on Business, Engineering and Industrial Application (ISBEIA 2011), 25 28 September 2011, Bayview Hotel, Langkawi.
- 23. **Steering Committee**, International Symposium on Humanities, Science and Engineering Research (SHUSER 2011), 5 8 June 2011, Renaissance Hotel, Kuala Lumpur.
- 24. **Steering Committee**, International Conference on Business, Engineering and Industrial Applications (ICBEIA 2011), 5 8 June 2011, Renaissance Hotel, Kuala Lumpur.
- 25. **Chair**, 1st National Postgraduate Seminar (NAPAS 2010), 6 7 July 2010, the Grand Blue Wave Hotel Shah Alam.

PROFESSOR Sr Ts DR ZULHABRI ISMAIL

MRISM P Tech MBOT MACPM MMSAdj
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10.0 RESEARCH SUPERVISION

PhD	
On-going	9
Graduated	7
Total	16
MSc (By Research)	
On-going	1
Graduated/Completed	9
Total	10
MSc (Coursework)	
On-going	1
Graduated/Completed	43
Total	44
Total Supervision	70

10.1 DOCTOR OF PHILOSOPHY [PHD]

	DESCRIPTION	YEAR ENROLLED	YEAR END
1.	PhD (Built Environment) (Main-Supervisor): Natural Justice in Construction Adjudication Proceedings, Nurlee Azizah Ahmad.	January 2024	On-going
2.	PhD (Built Environment) (Main-Supervisor): Pedagogical Framework for Online Learning in the Built Environment Studies, Siti Suhaidah Sahab.	October 2021	On-going
3.	PhD (Built Environment) (Main-Supervisor): Developing Strategies to Remove Barriers to Greater Use of Mediation in Construction Industry, Ezlina Ahnuar.	October 2021	On-going
4.	PhD (Built Environment) (Main-Supervisor): Guidelines for E-Loss and Expense Application for Private Construction Projects, Nurul Asyiqin Abdul Razak Abdul Ghani.	March 2020	On-going
5.	PhD (Built Environment) (Main-Supervisor): Building Information Modeling Contractual Framework for the Malaysian Public Projects, Raja Khadijah Raja Berema.	October 2020	On-going
6.	PhD (Built Environment) (Co-Supervisor): The Speed of Construction Management from the Day of Contract Signing in Malaysia: A Study On Efficient Formula To Complete And Handing Over Project Within Dateline, Faradila Mohamed Yusoff.	November 2023	On-going

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7.	PhD (Built Environment) (Co-Supervisor): Proactive Solution Framework to Minimize Delay in Closing of Final Account in the Malaysian Construction Industry, Mohd Khairul Fitri Othman.	June 2022	On-going
8.	PhD (Built Environment) (Co-Supervisor): Technical Vocational Education and Training Capability Approach Framework (TVET-CAF) for Enchancement of the Building Building Technology, Iskandar Zulkarnain Mohd Najib.	March 2019	On-going
9.	PhD (Built Environment) (Co-Supervisor): Guidelines for Emergency Evaluation of Accidental Dwelling Fire (ADF), Nurul Ayuni Abdul Aziz.	March 2018	On-going
10.	PhD (Built Environment) (Main-Supervisor): Tree Protection Procedures for Construction Projects in Malaysia, Nik Adlin Nik Mohamed Sukri.	November 2017	2022 (Graduated)
11.	PhD (Built Environment) (Main-Supervisor):Legal Issues onEmployment in Construction Industry, Siti Hawa Mohd Kasmuri.	November 2016	2021 (Graduated)
12.	PhD (Built Environment) (Co-Supervisor): Accurate Preliminaries in Construction Projects at Tender Stage a Crucial Yard Stick of Project Success, Abdul Aziz Abas.	November 2016	2018 (Graduated)
13.	PhD (Built Environment) (Co-Supervisor): Relationship Between Uncertainty Factors and Refurbishment Project Performance With Leadership Qualities Among Project Managers As a Mediator, Ridzuan Yacob.	March 2016	2019 [Graduated]
14.	PhD (Built Environment) (Co-Supervisor): Framework for Strategic Building Adaptation For Managing Multi-Storey Low-Cost Public Housing, Siti Aida Samikon.	July 2011	2018 [Graduated]
15.	PhD (Built Environment) (Co-Supervisor): Construction Management Behavioral Skills Training Framework, Mohd Firdaus Mustaffa Kamal.	July 2011	2016 [Graduated]
16.	PhD (Built Environment) (Co-Supervisor): Constructing Behavioral Skills Test for Construction Practitioners by IRT and DIF, Haryanti Mohd Affandi.	July 2011	2014 [Graduated]

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10.2 MASTER OF SCIENCE [MSC BY RESEARCH]

	DESCRIPTION	YEAR ENROLLED	YEAR END
1.	MSc (Built Environment) (Co-Supervisor): Dispute Resolution Framework in Facilities/Construction Contract Management, Mohd Rahman Mohd Nor.	October 2020	On-going
2.	MSc (Built Environment) (Main Supervisor): Fast Track Arbitration Framework, Nur Khodijah Fadhlullah Ng.	March 2017	2019 [Graduated]
3.	MSc (Built Environment) (Main Supervisor): Regulatory Framework of Construction Pollutions, Nur Afrina Qistina Ahmad Halmi.	March 2016	2018 [Graduated]
4.	MSc (Built Environment) (Main Supervisor): Framework of Dengue Prevention Measures in Construction Projects, Shairah Basar.	September 2015	2018 [Graduated]
5.	MSc (Built Environment) (Co-Supervisor): Framework of Post Disaster Waste Management, Nor Syazwani Yusof.	July 2015	2017 [Graduated]
6.	Master of Laws (LLM) (Co-Supervisor): A Critical Study of the Legal Issues on the Use of Humanoid Robotic on Autistic Children in Malaysia, Nurus Sakinatul Fikriah Mohd Shith Putera.	March 2014	2017 [Graduated]
7.	MSc (Built Environment) (Main Supervisor): Framework of Educational Building Facilities for Children With Autism in Malaysia, Nurul Aida Nazri.	March 2014	2016 [Graduated]
8.	MSc (Built Environment) (Main Supervisor): Framework of Implementation Government Initiatives on Construction Waste Management, Nur Zalikha Sa'adi.	March 2014	2016 [Graduated]
9.	MSc (Built Environment) (Main Supervisor): Effective Environmental Impact Assessment (EIA) Model, Maisarah Makmor.	March 2012	March 2014 [Graduated]
10.	MSc (Built Environment) (Main Supervisor): A Framework to Promote Sustainable Construction, Nur Hidayah Bt Idris.	December 2010	2013 [Graduated]

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10.3 MASTER OF SCIENCE [MSC BY COURSEWORK]

	DESCRIPTION	STATUS
1.	MSc in Integrated Construction Project Management: Dispute Prevention Mechanism Involving Contractual Agreement for Construction Contractors, Nur Siti Aisyah Che Ad @ Saad.	October 2023 [On going]
2.	MSc in Integrated Construction Project Management: Factors to Implement Construction Industry Payment and Adjudication Act 2012 (CIPAA 2012) in Malaysian Construction Industry from Developers' Perspectives, Nur Azani Izzati Jailani.	February 2024 [Graduated]
3.	MSc in Integrated Construction Project Management: Success Factors of Extension of Time (EOT) Application in Malaysia Private Projects, Haifa Afieqah Binti Hasbi.	October 2023 [Graduated]
4.	MSc in Integrated Construction Project Management: Contributing Factors for Selection of Procurement Methods for Solar Projects in Commercial Sector, Nurul Fatehah Md Nadzri.	February 2023 [Graduated]
5.	MSc in Integrated Construction Project Management: Covid-19 Impact on Dispute Resolution-The Utilization of Mediation in the Settlement of Construction Disputes in Malaysia, Nurul Safiyah Othman.	October 2022 [Graduated]
6.	MSc in Integrated Construction Project Management: Factors to Improve Project Management Competency of PTD Officers Through the Understanding of PWD 203A Revision 2012, Mohd Nasrieq Mohd Sarip Yadin.	March 2022 [Graduated]
7.	MSc in Integrated Construction Project Management: The Application of Construction Industry Payment and Adjudication Act [CIPAA] 2012 in Interior Design Projects, Hamiza Parman.	March 2021 [Graduated]
8.	MSc in Integrated Construction Project Management: A Mechanism of Smart Contract in Improvising PAM 2018 Standard Form of Contract, Izatul Syima Abdul Rahman.	March 2021 [Graduated]
9.	MSc in Integrated Construction Project Management: Identification of the Effectiveness of Remedies Provided in the Construction Industry Payment and Adjudication Act 2012 in the Event of Non-Payment or Partial Payment, Muhammad Izuddin Salehin.	July 2020 [Graduated]
10.	MSc in Integrated Construction Project Management: Issues on Payment in Construction Industry, Siti Masitah Razali.	December 2019 [Graduated]
11.	MSc in Integrated Construction Project Management: Factors that Enhance the Superintending Officer (SO) Competencies in Contract Administration, Nur Afizah Ahmad.	June 2019 [Graduated]

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12.	MSc in Integrated Construction Project Management: Factors to be Considered in Ensuring Natural Justice in Adjudication Proceedings, Nurlee Azizah Ahmad.	June 2019 [Graduated]
13.	MSc in Integrated Construction Project Management: Trends of Adjudication Cases in Malaysia, Quratul Ain Mazani.	December 2018 [Graduated]
14.	MSc in Integrated Construction Project Management: Success Factors for the Application of Industry 4.0 in the Malaysian Construction Industry, Irrma Diana Mohd Aripin.	December 2018 [Graduated]
15.	MSc in Integrated Construction Project Management: Strategies to Minimise Variations in Government School Projects, Abdul Halim Hussin.	December 2018 [Graduated]
16.	MSc in Integrated Construction Project Management: Legal Issues on Escalation of Price Claim in Construction Contracts, Nur Hafiza Mohd Amin.	December 2018 [Graduated]
17.	MSc in Integrated Construction Project Management: Success Factors for Architects as Building Contract Administrators, Intan Elyana Mohd Helmi.	December 2018 [Graduated]
18.	MSc in Integrated Construction Project Management: Success Factors of Promoting Certified Green Project Managers (GPM) in Malaysia Construction Industry, Nur Halimah Mohd Saiful Rahim.	June 2018 [Graduated]
19.	MSc in Integrated Construction Project Management: Factors Effecting Productivity of Construction Projects in Malaysia, Nor Ainaizati Ayob.	December 2017 [Graduated]
20.	MSc in Integrated Construction Project Management: Proposed Regulatory Requirements in Implementing Green Buildings Concepts in Private Projects, Abdullah Basri.	June 2017 [Graduated]
21.	MSc in Integrated Construction Project Management: Key Factors in Ensuring the Adoption of Low Carbon Cities Framework (LCCF) by Local Authorities in Malaysia, Iliana Yussof.	December 2016 [Graduated]
22.	MSc in Integrated Construction Project Management: Components of Green Incentive Instruments, Anis Mardhiah Mukhtar.	June 2016 [Graduated]
23.	MSc in Integrated Construction Project Management: Evaluation of the Effectiveness of Statutory Adjudication Legislation in Malaysia Against its Stated Aim, Nur Illylia Iryani Mohamed Nasir.	June 2016 [Graduated]
24.	MSc in Integrated Construction Project Management: Architect's Profesional Liability of the Indemnity Insurance and the Roles of Indemnity and Limitation Provisions in Contract, Wan Hasliyana Wan Hussin.	February 2016 [Graduated]
25.	MSc in Integrated Construction Project Management: Variation Order: The Occurrence and Impact Towards Government Funded Projects, Hafizah Hussin.	February 2016

	Professional Surveyor Professional Technologist Patientst Adjudicator Accredited Mediator	[Graduated]
26.	MSc in Integrated Construction Project Management: Level of Preparedness of Specialized Construction Court in Malaysia, Farah-Ajlaa Julaihi.	February 2016 [Graduated]
27.	MSc in Facilities Management: Preventive Measures of Fire Safety Management in High-Rise Hospital Buildings, Muhammad Nasrol Jamal.	February 2016 [Graduated]
28.	MSc in Facilities Management: Delay Investigation in KLIA2 Terminal Building Project From the Perspective of Employer, Noor Hisham Hussain.	February 2016 [Graduated]
29.	MSc in Integrated Construction Project Management: BIM: Improvement to the Construction Cost Planning, Raja Bukhary Raja Taihairan.	June 2015 [Graduated]
30.	MSc in Integrated Construction Project Management: Measures to Enhance the Application of Eco Labels in Construction Industry, Yong Iffah Zawana Shaharudin.	June 2015 [Graduated]
31.	MSc in Integrated Construction Project Management: The Impact of Design Change Towards New Building Projects, Fazaruziana Aziz.	June 2014 [Graduated]
32.	MSc in Integrated Construction Project Management: Industrialised Building System Initiative, Azlin Nabila Adnan.	June 2014 [Graduated]
33.	MSc in Integrated Construction Project Management: Mediation in Construction Industry, Siti Nurhayati Hussin.	June 2014 [Graduated]
34.	MSc in Facilities Management: Scenario and Challenges in Malaysia Water Service Industry, Florance Anak Lika.	June 2014 [Graduated]
35.	MSc in Facilities Management: Risk Management Associated with Operation of High-Rise Residential Buildings, Nurul Ain Ngah.	June 2014 [Graduated]
36.	MSc in Integrated Construction Project Management: Code of Ethics in Construction Industry: Comparative Study Among Malaysian Government Linked Companies.	February 2014 [Graduated]
37.	MSc in Integrated Construction Project Management: Construction Industry Payment and Adjudiation Act (CIPAA) Payment Issues, Nik Mohd Dhuyafullah Nik Din.	June 2014 [Graduated]
38.	MSc in Facilities Management: Management of Maintenance Contract for High Rise Residential Buildings in Malaysia, Aima Munira Mokhtar.	July 2013 [Graduated]
39.	MSc in Facilities Management: Lean Construction in Small and Medium Scale Construction Companies, Wan Mohd Nurdden Wan Muhammad.	January 2013 [Graduated]
40.	MSc in Facilities Management: Construction Waste Implementation Policy, Mazlina Abdul Manan.	July 2012 [Graduated]

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41.	MSc in Integrated Construction Project Management: The Viability of Adjudication as an Alternative Dispute Resolution Method in the Malaysian Construction Industry, Syarifah Nur Nazihah Syed Jamalulail.	January 2012 [Graduated]
42.	MSc in Integrated Construction Project Management: The Relevancy of Model Terms of Construction Contract for Subcontractors Works, Sharifah Huda Syed Mohd.	January 2012 [Graduated]
43.	MSc in Integrated Construction Project Management: Construction Industry Payment and Adjudication Act (CIPAA): Way Forward in Security of Payment in the Malaysia Construction Industry, Siti Suhaidah Sahab.	November 2010 [Graduated]
44.	MSc in Integrated Construction Project Management: The Application of Alternative Dispute Resolution (ADR) Among G4 and G5 Contractors, Siti Nor Faizah Ab Malek.	April 2008 [Graduated]

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11.0 RESEARCH GRANTS

Cumulative Research Grants	RM 1,961,900.00
On-going Research Projects	1
Completed Research Projects	42
Total Research Projects	43

11.1 RESEARCH GRANTS SECURED [ON-GOING]

RESEARCH PROJECTS	TOTAL FUNDS [RM]	GRANT PROVIDERS	PERIOD
1. Research Member [Mentor/Senior Researcher], Integrating Cost-Benefit Analysis (CBA) into Building Information Modelling (BIM) Via Malaysia Government Projects. Project Code 600- RMC 5/3/GPM (024/2022).	20,000	UiTM Special Research Grant	1 July 2022 - 30 June 2024

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11.2 RESEARCH GRANTS SECURED [COMPLETED]

	RESEARCH PROJECTS	TOTAL FUNDS [RM]	GRANT PROVIDERS	PERIOD
1.	Research Member [Mentor/Senior Researcher], Enhancement of the Building Technology Graduates from Technical Vocational Education and Training (TVET) Through Capability Approach. Project Code 600-RMC/GPK 5/3 (068/2020).	20,000	UïTM Special Research Grant	21 December 2020 – 20 December 2022
2.	Research Member [Mentor], Framework for Emergency Fire Evacuation in Mixed-Use Development Building by Integrating Mixed of Quantities and Qualitative Methodology. Project Code 600-IRMI/FRGS-RACER 5/3 (032/2019).	25,000	UiTM Bestari Perdana Grant	1 January 2019 – 30 December 2022
3.	PrincipalResearcher,BuildingInformationModelling(BIM)ContractualFrameworkforMalaysianPublicProjects.ProjectCode600-RMC/GIP5/3 (150/2021)FrameworkFramework600-	21,600	UiTM Geran Insentif Penyeliaan (GIP)	15 December 2021 – 14 December 2022
4.	Principal Researcher, Towards Sustainable Construction Sector: Adopting Doctrinal Research Method for the Establishment of Contractual Employment Contract Framework for Young Professionals. Project Code 600- IRMI/PERDANA 5/3/BESTARI (071/2018).	25,200	FRGS- RACER	1 September 2019 – 28 December 2020
5.	Research Member, Motivation of Risk-Taking Behaviour in the Accidental Dwelling Fire (ADF). Project Code 600-IRMI/DANA 5/3/BESTARI (P) (023/2018).	25,000	UiTM Bestari Perdana Grant	1 January 2018 – 27 December 2020
6.	Principal Researcher, Towards Sustainable Dispute Resolution: An Application Framework of Fast Track Arbitration in the Malaysian Construction Industry. Project Code 600-IRMI 5/3/GIP (060/2019).	20,000	UiTM GIP Grant	1 April 2019 - 31 March 2020
7.	Research Member, Transparent Flood Disaster Management Framework. Project Code 600- IRMI/DANA 5/3/LESTARI (0154/2016).	20,000	UiTM Lestari Grant	1 September 2016 – 3 March 2019
8.	Principal Researcher, Integrating Mixed Methods in Developing Governance Model to Prevent Aedes Breeding in Construction Projects. Project Code 600-RMI/FRGS 5/3 (0061/2016).	62,200	Fundamental Research Grant Scheme (FRGS)	1 August 2016 – 31 January 2019
9.	Principal Researcher, Policy And Guidelines Framework in Humanoid Research Involving Autistic Children in Malaysia, Niche Research Grant Scheme, Special Project 6, Project 12. Project Code 600-RMI/NRGS 5/3 (13/2013).	155,000	Ministry of Education (NRGS)	1 December 2013 – 30 November 2018

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10. <u>Principal Researcher</u> , Governance for Post Disaster Risk Reduction: Post Disaster Waste Management Adaption Disaster Management Guidelines. Project Code FRGS/1/2/2015/SSI11/UITM/02/5.	33,700	Ministry of Education (FRGS)	1 March 2015– 30 March 2016
11. Principal Researcher, Policy and Guidelines Framework in Humanoid Research Involving Autistic Children in Malaysia Part 2, Principal Investigator Support Initiative (PSI). Project Code 600-RMI/DANA 5/3/PSI (104/2013).	40,000	UiTM PSI Grant Scheme	1 December 2013 – 30 November 2015
12. <u>Principal Researcher</u> , Policy and Guidelines Framework in Humanoid Research Involving Autistic Children in Malaysia Part 3, Cumulative Impact Factor Initiative (CIFI). Project Code 600-RMI/DANA 5/3/CIFI (132/2013).	40,000	UiTM CIFI Grant Scheme	1 December 2013 – 30 November 2015
13. Principal Researcher, Sustainable Construction Strategic Implementation Model Part 3, Cumulative Impact Factor Initiative (CIFI). Project Code 600-RMI/DANA 5/3/PSI (131/2013).	40,000	UiTM PSI Grant Scheme	1 December 2013 – 30 November 2015
14. Principal Researcher, Sustainable Construction Strategic Implementation Model Part 2, Principal Investigator Support Initiative (PSI). Project Code 600-RMI/DANA 5/3/PSI (103/2013).	40,000	UiTM CIFI Grant Scheme	1 December 2013 – 30 November 2015
15. Principal Researcher, Sustainable Construction Strategic Implementation Model (Research Acculturation Grant Scheme). Project Code 600-RMI/RAGS 5/3 (185/2012).	50,000	Ministry of Higher Education (RAGS)	15 Dec 2012 – 14 Dec 2014
16. Research Member, Social, Economic Ethical and Spiritual Implications of Brain Impairment Treatment Applications on Children. Project Code 600-RMI/NRGS 5/3 (12/2013).	150,000	Ministry of Education (NRGS)	1 December 2013 – 30 November 2018
17. Research Member, Modeling Characteristics, Cost and Benefit Analysis of Humanoid as Brain Impairment Treatment on Malaysian Children. Project Code 600-RMI/NRGS 5/3 (14/2013).	140,000	Ministry of Education (NRGS)	1 December 2013 – 30 November 2018
 Research Member, The Enterprise Strict Liability Model in Artificial Intelligence Governance. Project Code 600-RMI/FRGS 5/3 (32/2015). 	62,000	Ministry of Education (FRGS)	1 November 2015 – 1 May 2018
19. Research Member, Disaster Mitigation and Prevention Research Group. Project Code 600-RMI/DANA 5/3/REI (9/2015).	32,000	UiTM RIG Grant Scheme	1 May 2015 - 30 October 2018
 20. Research Member, Robust Estimator in Backpropagation Learning Algorithm on Nonlinear Artificial Neural Network Time Series	75,200	Ministry of Education (FRGS)	1 December 2014 – 30

Professor of Construction Management and Law Professional Surveyor | Professional Technologist | Panellist Adjudicator | Accredited Mediator Model. Project Code 600-RMI/FRGS 5/3 November (137/2014).2016 21. Research Member, A Framework of Disaster 1 December Waste Management Adaption Into An Act 672 UiTM Lestari 2015 - 30Solid Waste Management In Malaysia. Project 20,000 Grant November Code 600-RMI/DANA 5/3/LESTARI 2016 (17/2015).22. Research Member, Modeling Characteristics, Cost 1 December and Benefit Analysis of Humanoid as Brain UiTM CIFI 2013 - 3040,000 Impairment Treatment on Malaysia Children Part Grant Scheme November 3, 600-RMI/DANA 5/3/CIFI (13/2013). 2015 23. Research Member, Modeling Characteristics, Cost 1 December UiTM PSI and Benefit Analysis of Humanoid as Brain 2013 - 3040,000 Grant Scheme Impairment Treatment on Malaysia Children Part November 2, 600-RMI/DANA 5/3/PSI (76/2013). 2015 24. Research Member [Senior Researcher], Ministry of Construction Waste Management Policy Higher Dec 2013 -Framework (Research Acculturation Grant 50,000 Education Dec 2015 Scheme). Project Code 600-RMI/DANA 5/3 (RAGS) (176/2013).25. Research Member, Penyelidikan dan Higher Pembangunan Modul Kepimpinan Penulisan dan Education 1 April 2013 Penerbitan AKEPT. Project Code 100-80,000 Leadership -30 June RMI/GOV 16/6/2 (1/2013). Academy 2015 (AKEPT) 26. Research Member, Industrialised Building System Ministry of 15 Dec (IBS) Initiative Mathematical Modelling (Research Higher 40,000 2012 - 14Acculturation Grant Scheme). Project Code 600-Education Dec 2014 RMI/RAGS 5/3 (188/2012). (RAGS) 27. Research Member, Public Client Project Manager 1 Nov 2012 UiTM Technical Competency Framework. Project Code: - 31 Oct Research 32,000 600-RMI/DANA 5/3/RIF (671/2012). Intensive 2014 Faculty Grant 28. Research Member, Soft Skills Gaps in Malaysian UiTM 1 Nov 2012 Construction Management Education: A Research - 31 Oct Comparative Study of Industry, Academia and 32,000 Intensive 2014 Students Perspectives. Project Code: 600-Faculty Grant RMI/DANA 5/3/RIF (670/2012). 29. Research Member, Antartic Research on Sustainable Development Policy (Long Term Ministry of 1 Sept 2012 Research Grant Scheme), MOHE, joint member Higher 300,000 - 31 Aug with University of Malaya National Antartica Education 2016 Research Centre). Project Code: 600-RMI/LRGS (LRGS) 5/3 (4/2011). 30. Research Member, Framework For Strategic UiTM 1 Aug 2012

Building Adaptation For Managing Multi-Storey

Low-Cost Public Housing. Project Code: 600-

RMI/DANA 5/3/RIF (282/2012).

31 July

2014

Research

Intensive

Faculty Grant

32,000

31. Research Member, Investigating the Slow Adoption in Knowledge Management Implementation in Public Sector Technical Organizations. Project Code: 600-RMI/DANA 5/3/RIF (271/2012).	32,000	UiTM Research Intensive Faculty Grant	1 Aug 2012 - 31 July 2014
32. Research Member, Industrialized Building System Initiative Model. Project Code: 600-RMI/DANA 5/3/RIF (213/2012).	32,000	UiTM Research Intensive Faculty Grant	1 July 2012 - 30 June 2014
33. Principal Researcher, Framework for Environmental Protection Towards Sustainable Development. Project Code: 600-RMI/DANA 5/3/RIF (205/2012).	32,000	UiTM Research Intensive Faculty Grant	1 July 2012 - 30 June 2014
34. Research Member, Design Guideline for Sustainable Green Roof System (Fundamental Research Grant Scheme). Project Code: 600-RMI/ST/DANA 5/3/Dst (185/2011).	50,000	Ministry of Higher Education (FRGS)	1 June 2011 - 31 May 2013
35. Research Member, Technical Competencies for Construction Manager. Project Code: 600-RMI/ST/DANA 5/3/Dst (446/2011).	8,000	UiTM Excellence Fund	1 Nov 2011 - 23 July 2013
36. Research Member, Validation of Construction Manager Roles and Tasks Framework As Founding Theory. Project Code: 600- RMI/ST/DANA 5/3/Dst (445/2011).	8,000	UiTM Excellence Fund	1 Nov 2011 - 23 July 2013
37. Research Member, Establishments of Project Management Major Activity As Reference Model. Project Code: 600-RMI/ST/DANA 5/3/Dst (447/2011).	8,000	UiTM Excellence Fund	1 Nov 2011 - 23 July 2013
38. Principal Researcher, Fundamental Strategies Towards Sustainable Construction. Project Code: 600-RMI/ST/DANA 5/3/Dst (204/2011).	8,000	UiTM Excellence Fund	1 June 2011 - 31 May 2012
39. Principal Researcher, Design Guideline for Green Roof System in Malaysia. Project Code: 600-RMI/DANA 5/3/Dst (185/2011).	8,000	UiTM Excellence Fund	1 June 2011 - 31 May 2012
40. Principal Researcher, PFI in Malaysia: Detailing Sustainable Elements in Contract Clauses. Project Code: 600-RMI/ST/DANA 5/3/Dst (215/2011).	8,000	UiTM Excellence Fund	1 June 2011 - 31 May 2012
41. Principal Researcher, Causes of Disputes in the Malaysian Construction Projects. Project Code: 600-IRDC/SSP 5/3/1971.	Self- Funded	Registered With IRDC UiTM	11 February 2007 – 10 October 2007

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42. Principal Researcher, The Perceptions on the Alternative Dispute Resolution Among G7 Contractors in the Malaysian Construction Industry. Project Code: 600-IRDC/SSP 5/3/1894.	Self- Funded	Registered With IRDC UiTM	15 July 2006 – 14 January 2007

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12.0 CONSULTANCY PROJECTS

Cumulative Consultancy Projects RM 309,303.00 Total Consultancy Projects 4

PROJECTS	TOTAL FUNDS [RM]	CLIENT	PERIOD
1. Project Leader, the Appointment of Claim Management Consultant [CMC]/Represents for the Final Preparation of Loss and Exper Claim [Expert Panel]. RMC File No: 20221109028.		Azie Ventures	1 October 2020 – 30 November 2022
2. Project Member, Cadangan Perlaksanaan Pr Penyediaan Kertas Kerja Kabinet Untuk Mewajibkan QLASSIC Untuk Projek – Proj Pembinaan Kerajaan Untuk CIDB Malaysia File No: 3660.	ek 187,903	Construction Industry Development Board [CIDB]	14 August 2015 – 13 January 2016
3. Project Member, Pembangunan Dan Penuli Modul Kepimpinan Penulisan dan Penerbit AKEPT. RMI File No: 3243.		Higher Education Leadership Academy [AKEPT]	6 Sept 2013 – 5 September 2014
4. Project Member, Contract Strategies and Administration. RMI File No: 2606.	9,400	PT Perumahan Pembangunan, Bogor, Jakarta	1 January 2011 – 31 December 2011

13.0 MEMORANDUM OF UNDERSTANDING/MEMORANDUM OF AGREEMENT

1. Initiated MOU on Building Information Modelling [BIM] Between Public Works Department [PWD] and Public Universities/Universiti Teknologi MARA, Scope Contracts and Legal Aspects of BIM, April 2019 – April 2021.

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14.0 EXTERNAL AND INTERNAL EXAMINER

14.1 DOCTOR OF PHILOSOPHY EXTERNAL EXAMINER [INTERNATIONAL]

- 1. PhD in Civil Engineering, Syed Asim Ali Tirmizi, Artificial Intelligence Based Contractual Risk Assessment Framework for Construction Projects in the Oil and Gas Industry, NED University of Engineering and Technology, Pakistan, Date of Appointment 4 Mei 2023.
- 2. PhD in City and Regional Planning, Fahad Ahmed Shaikh, Impacts of Mixed-Land-Use Development on the Urban Livability in Major Cities of Sindh, Mehran University of Engineering and Technology, Jamshoro, Pakistan, Date of Appointment 23 February 2022.
- 3. PhD, John Ojuola, Safety Leadership in the Oil and Gas Industry: The Mediating Role of Complexity Science Principles, School of Engineering and Built Environment, Griffith University, Australia, Date of Appointment 21 September 2020.

14.2 DOCTOR OF PHILOSOPHY EXTERNAL EXAMINER [NATIONAL]

- 1. PhD in Technology Management, Ameir Mohamed Medani Abdalla, Relationship Model of Causative Factors and Prevention Method on Accidents in Construction Sites in the United Arab Emirates (UAE), Universiti Tun Hussein Onn Malaysia [UTHM], Date of Appointment 11 October 2023.
- 2. PhD (Technology, Operations and Logistic Management), Maryam Nabilah Zamalik, Soil Problems in Housing Development Projects A Legal Analysis, Universiti Utara Malaysia [UUM], Date of Appointment 20 June 2023.
- 3. PhD in Management, Mohamad Nour Mosry, Impact of Knowledge Capacity Factors on Employee Performance to Improve Competitive Advantage Among Syrian Information and Technology Industry, Limkokwing University of Creative Technology [LUCT], Malaysia, Date of Appointment 12 January 2022.
- 4. PhD in Management, Walid Abdullah Yahya Al Suraihi, The Effect of Job Characteristics and Perceived Organisational Support on Reducing Employee Turnover Intention in the Retail Industry in Klang Valley, Malaysia: Organisational Citizenship Behaviour as Mediator, Limkokwing University of Creative Technology [LUCT], Malaysia, Date of Appointment 3 10 January 2022.
- 5. PhD in Civil and Environmental Engineering, Mohanad Kamil Buniya, Developing Framework for Safety Program Implementation in Iraq Construction Projects, Universiti Teknologi Petronas [UTP], Malaysia, Date of Appointment 3 January 2022.
- 6. PhD in Management, Rimsha Khalid, Factors Affecting the Participant of Pakistani Women in Entrepreneurship Through Self-Leadership Behaviour, Limkokwing University of Creative Technology [LUCT], Malaysia, Date of Appointment 3 November 2021.
- 7. PhD in Management, Saeed Muhammad, Factors Affecting the Success of Construction Projects with Moderating Role of Project Complexity in Khyber Pakhtunkhwa, Centre of Postgraduate Studies and Professional Development, Limkokwing University of Creative Technology [LUCT], Malaysia, Date of Appointment 4 October 2021.
- 8. PhD in Management, Mina Manjurul Hossain Reza, The Impact of Total Reward System on Employee Performance With a Moderating Effect of Psychological Empowerment and Mediation of Motivation in the Leather Industry of Bangladesh, Limkokwing University of Creative Technology [LUCT], Malaysia, Date of Appointment 4 October 2021.

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- 9. Factors Affecting the Success of Construction Projects with Moderating Role of Project Complexity in Khyber Pakhtunkhwa, Centre of Postgraduate Studies and Professional Development, Limkokwing University of Creative Technology [LUCT], Malaysia, Date of Appointment 4 October 2021.
- 10. PhD in Management, Zaid Saad Hadi, Determinants of Project Management Framework Adoption Towards Achieving Project Success in Ghanaian Organizations, Centre of Postgraduate Studies and Professional Development, Limkokwing University of Creative Technology [LUCT], Malaysia, Date of Appointment 29 June 2021.
- 11. PhD in Management, Ivy Hawa Tanaa, Determinants of Project Management Framework Adoption Towards Achieving Project Success in Ghanaian Organizations, Centre of Postgraduate Studies and Professional Development, Limkokwing University of Creative Technology [LUCT], Malaysia, Date of Appointment 10 May 2021.
- 12. PhD in Management, Encejam Ibrahim Alkipsy, Impact of the Leadership Styles and Organisational Culture Towards Managerial Efficiency: The Role of Work Ethics, (Study on Yemeni Oil and Gas Industry), Centre of Postgraduate Studies and Professional Development, Limkokwing University of Creative Technology [LUCT], Malaysia, Date of Appointment 10 May 2021.
- 13. PhD in Civil Engineering, Tahereh Nasrollahzadeh, Implementation of Lean Construction Critical Succes Factors for Ongoing Construction Projects, Faculty of Civil Engineering, Universiti Teknologi Malaysia [UTM], Date of Appointment 13 September 2018.
- 14. PhD in Project Management, Jeffrey Yap Boon Hui, Management of Design Changes with Project Learning Through Effective Communication: Investigating Building Projects in Malaysia, Faculty of Science, Technology, Engineering and Mathematics, International University of Malaya - Wales [IUMW], Date of Appointment 25 January 2018.
- 15. PhD in Project Management Colloquium Presentation, Faculty of Science, Technology, Engineering and Mathematics, International University of Malaya Wales [IUMW], Academic Term October 2017 February 2018, 5 August 2017.
- 16. PhD in Project Management Colloquium, Faculty of Science, Technology, Engineering and Mathematics, International University of Malaya – Wales [IUMW], Academic Term October 2016 – February 2017, 11 February 2017.

14.3 DOCTOR OF PHILOSOPHY INTERNAL EXAMINER

- 1. PhD in the Built Environment (AP991), Faza Ihsan Zaidi, A Strategic Leadership Framework for Successful Strategy Implementation to Increase Performance in Construction Companies, Universiti Teknologi MARA [UiTM], Date of Appointment 20 September 2023.
- 2. PhD in the Specialisms of the Built Environment (AP991), Norsyakila Romeli, A Framework for Project Capital in Rail Joint Venture Project, Universiti Teknologi MARA [UiTM], Date of Appointment 08 March 2018.
- 3. PhD in the Specialisms of the Built Environment (AP990), Hairuddin Mohammad, A Construction Manager's Technical Competency Model for the Malaysia Construction Industry, Universiti Teknologi MARA [UiTM], Date of Appointment 17 July 2017.
- 4. Internal Assessor, Conversion from MSc in Built Environment by Research (AP781) to PhD in Built Environment (AP991), Mohd Ruzani Bin Che Zahari, the Influence of Bourdieu's Capitals and Leadership Styles on Creative Behaviours in Landscape Architecture Firms, Universiti Teknologi MARA [UiTM], Date of Appointment 31 March 2017.
- 5. PhD in Built Environment (AP991), Siti Norazniza Ahmad Sekak, the Relationship Between Refurbishment Project Complexity and Energy Efficiency Design Performance with the Design

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Team Attributes as a Mediator, Universiti Teknologi MARA [UiTM], Date of Appointment 20 February 2017.

14.4 MASTER BY RESEARCH EXTERNAL EXAMINER

- 1. MSc in Civil and Environmental Engineering, Siti Norfarahhanim Mohd Ghani, Total Quality Management (TQM) Framework for Malaysia's Construction Organizations, Universiti Teknologi Petronas [UTP], Date of Appointment 27 April 2021.
- 2. MSc of Civil Engineering, Nur Syuhada Fadzil, Barriers and Enablers of Risk Management Practices in Construction Industry Amongst Bumiputera Contractors, Universiti Tun Hussein Onn Malaysia [UTHM], Date of Appointment 14 September 2020.
- 3. MSc of Civil Engineering, Lee Chin Foo, Management Factors Affecting Time and Cost Performance of Construction Projects, Universiti Tun Hussein Onn Malaysia [UTHM], Date of Appointment 17 February 2020.
- 4. MSc of Civil Engineering, Syazwana Tajul Ariffin, Conceptual Framework of Economies of Scale (EOS) Factors for Malaysian Industrialised Building System (IBS) Precast Manufacturers, Universiti Tun Hussein Onn Malaysia [UTHM], Date of Appointment 15 July 2018.
- 5. MSc of Civil Engineering, Kaleem Ullah, Mitigation Measures for Critical Factors Causing Cost Overrun in Malaysia Building Projects, Universiti Tun Hussein Onn Malaysia [UTHM], Date of Appointment 15 January 2018.
- MSc of Civil Engineering, Nashwan Hamid Yahya Al-Emad, Factors Causing Construction Delay In Saudi Arabia: A Case Study of Makkah City, Universiti Tun Hussein Onn Malaysia [UTHM], Date of Appointment 24 July 2016.
- 7. MSc of Civil Engineering, Muhamad Hafizi Mohd Thahrir, Investigation of Green Building Rating Tool Attributes for Malaysia, Universiti Tun Hussein Onn Malaysia [UTHM], Date of Appointment 7 October 2015.
- 8. MSc of Civil Engineering, Nor Solehah Md Akhir, Assessing the Risk Level of Factors Causing Construction Waste Generation Throughout Construction Project Life Cycle, Penerbit Universiti Tun Hussein Onn Malaysia [UTHM], Date of Appointment 25 August 2014.

14.5 BOOK MANUSCRIPTS EXTERNAL EXAMINER

- 1. Relationship of Leadership Characteristics with Construction, Penerbit Universiti Tun Hussein Onn Malaysia [UTHM], Date of Appointment 15 October 2019.
- 2. Construction Handbook Series (Construction Project Management, Construction Management and Site Management), Penerbit Universiti Tun Hussein Onn Malaysia [UTHM], Date of Appointment 27 September 2016.
- 3. Forecasting Low-Cost Housing Demand, Penerbit Universiti Tun Hussein Onn Malaysia [UTHM], Date of Appointment 3 June 2016.
- 4. Public Private Partnership and Private Finance Initiative (PPP-PFI) in Infrastructure Project, Penerbit Universiti Malaya [UM], Date of Appointment 30 October 2015.
- 5. Risk Assessment of Time and Cost Overrun Factors Throughout Construction Project Lifecycle, Penerbit Universiti Tun Hussein Onn Malaysia [UTHM], Date of Appointment 17 June 2015.
- 6. Causative Factors of Construction Waste Generation in Malaysia Construction Industry, Penerbit Universiti Tun Hussein Onn Malaysia [UTHM], Date of Appointment 24 August 2014.

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14.6 BOOK MANUSCRIPTS INTERNAL EXAMINER

1. Prinsip – Prinsip Pengurusan Kontrak Pembinaan di Malaysia, Penerbit Universiti Teknologi MARA Press, Date of Appointment 9 October 2017.

14.7 ACADEMIC PROGRAMMES AND COURSES

- 1. External Examiner, Bachelor of Technology in Building Construction (Hons), Faculty of Civil Engineering and Technology, Universiti Malaysia Perlis [UniMAP], 1 October 2023.
- 2. Panel of Stakeholders at the Faculty of Industrial Management, Universiti Malaysia Pahang [UMP], April 2022 April 2023.
- 3. Advisory Board Member for Bachelor of Project and Facility Management, Open University Malaysia [OUM], April 2021 Present.
- 4. External Examiner, Certificate of Construction Technology, Community College Bentong, 19 June 2020 30 September 2020.
- 5. Advisory Board Member for Master of Project Management Programme, Open University Malaysia [OUM], October 2019 Present.
- 6. Programme Advisory Panel [PAP] for Master of Science in Construction Contract Management Programme, Faculty of Built Environment, Tunku Abdul Rahman University College [TAR UC], September 2018 September 2019.
- 7. Programme Committee, Establishment of Master of Science in Disaster and Resilience Management, Faculty of Architecture Planning and Surveying, Universiti Teknologi MARA [UiTM], May 2018 May 2020.
- 8. Construction Law Module for MSc in Construction Engineering, Faculty of Civil Engineering, Universiti Teknologi MARA [UiTM], 25-28 August 2014.
- 9. MEM 799 Industrial Project/Business Proposals, Master in Engineering Management, Faculty of Mechanical Engineering, Universiti Teknologi MARA [UiTM], 25 June 2013.
- 10. Bachelor of Science (Hons) Construction Management, Limkokwing University of Creative Technology Malaysia [LUCT], from 2010 2012.

14.8 ACADEMIC PROMOTION

1. Associate Professor [DS54], Universiti Tun Hussein Onn Malaysia [UTHM], 8 August 2021.

15.0 COMPETITIONS, AWARDS AND ACCOLADES

- 1. 2022: Faculty Excellence Award Ceremony The Best Postgraduate Supervisor for Research Programme.
- 2. 2021: Gold Award for Legal Studies in Construction, International Virtual E-Content Development Competition 2021 (e CONDEV 2021).
- 3. 2021: Faculty Excellence Award Ceremony Postgraduate Supervision, Abdul Aziz Abas PhD in Built Environment.
- 4. 2021: Faculty Excellence Award Ceremony Postgraduate Supervision, Nur Khodijah Muhammad Fadhlullah Ng MSc in Built Environment.
- 5. 2020: Best Paper Award [2nd Runners Up] AICQOL2020 Malacca, 18-19 March 2020.

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- 6. 2019: Faculty Excellence Award Ceremony Postgraduate Supervision, Shairah Basar MSc in Built Environment.
- 7. 2019: Faculty Excellence Award Ceremony Postgraduate Supervision, Ridzuan Yacob PhD in Built Environment.
- 8. 2019: Faculty Excellence Award Ceremony Postgraduate Supervision, Nor Syazwani Yusof MSc in Built Environment.
- 9. 2019: Faculty Excellence Award Ceremony Postgraduate Supervision, Nur Afrina Qistina Ahmad Halmi MSc in Built Environment.
- 10. 2019: Faculty Excellence Award Ceremony Research Grant Recipient.
- 11. 2019: Faculty Excellence Award Ceremony Postgraduate Supervision, Siti Aida Samikon PhD in Built Environment.
- 12. 2018: Excellence Achievement Award, Faculty of Architecture, Planning and Surveying, UiTM.
- 13. 2018: The Best MOOC Developer Social Science and Humanities, National e-Content Development Competition (e-ConDev) 2018.
- 14. 2018: Gold Award for Construction Law, National e-Content Development Competition (e-ConDev) 2018.
- 15. 2017: Gold Award for Construction Law, National e-Content Development Competition (e-ConDev) 2017.
- 16. 2017: Silver Medal, the 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT SiC2017) for Simulation Parameters in Managing Flood Waste in Malaysia.
- 17. 2017: Chartered Institute of Building United Kingdom (CIOB) International Innovation Research Award 2016. The CIOB award recipient is Abdul Aziz Abas, MSc in Integrated Construction Project Management (MSc ICPM) student. http://iandrawards.ciob.org/node/117
- 18. 2016: FSPU Innovation Appreciation as Advisor for the Nuclear Training Award, School of Energy Management Italy. The training award recipient is Nurul Huda Nazaruddin, MSc in Integrated Construction Project Management (MSc ICPM) Student. http://indico.ictp.it/event/7634/
- 19. 2016: Bronze Medal, 5th International Innovation, Invention and Design (INDES) for Medical Device Regulatory Model for Rehabilitation and Assistive Robots. https://perak.uitm.edu.my/v3/index.php/en/events/university-events-archive/203-5th-international-innovation-invention-design-2016
- 20. 2016: Gold Medal, Invention, Innovation and Design Exposition (IIDEX) for a Post Disaster Waste Management Plan for Malaysia. http://ribu.uitm.edu.my/v2/index.php/27-event/43-invention-innovation-design-exposition-2016-iidex2016
- 21. 2016: Bronze Medal, International Invention and Innovative Competition Series 1/2016 (INIIC2016) for a Post-Disaster Waste Management Adaption Plan into Disaster Management Guidelines in Malaysia.
- 22. 2016: Overall Winner, Invention Innovation and Design Exposition, Faculty of Architecture Planning and Surveying for a Post Disaster Waste Management Plan (Flood) for Malaysia.
- 23. 2016: First Prize, Invention Innovation and Design Exposition, Faculty of Architecture Planning and Surveying for a Post Disaster Waste Management Plan (Flood) for Malaysia.
- 24. 2016: Winner, Arena of Youth (AOY): Shaping the Next Generation of Construction Excellent, Re-Built it Green Project on Disaster Management Plan for Malaysia.
- 25. 2015: Quality Award as PhD/MSc by Research Supervisor, Faculty of Architecture, Planning and Surveying.
- 26. 2015: Quality Award for an Excellence Service Award in 2013, Faculty of Architecture, Planning and Surveying.

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- 27. 2014: Silver Medal, International Invention, Innovation and Design, Hosted By Universiti Teknologi MARA Johor for an Improved EIA Process Improvements on the Malaysian EIA Process Towards Sustainable Development.
- 28. 2013: Excellence Achievement Award, Faculty of Architecture, Planning and Surveying, UiTM.
- 29. 2012: Quality Award for Publications, Faculty of Architecture, Planning and Surveying, UiTM.
- 30. 2012: Quality Award for Securing Grants, Faculty of Architecture, Planning and Surveying, UiTM.
- 31. 2011: UiTM Institute of Graduate Studies Excellence Award for a PhD research.

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16.0 RESEARCH AND ACADEMIC CONTRIBUTIONS

16.1 PLANERY/GUEST SPEAKER [INTERNATIONAL]

- 1. Planery Speaker, Adjudication is the Way Forward for Resolving Construction Payment Disputes, ICONBEE 2022, 19 October 2022.
- 2. Guest Lecture, Resolving Malaysian Construction Disputes by Means of Adjudication: Salient Features and Analysis of Selected Cases, Department of Civil Engineering, Faculty of Civil and Petroleum Engineering, Nadirshaw Edulji Dinshaw [NED] University of Engineering and Technology, Karachi, Pakistan, 7 October 2021.

16.2 KEYNOTE/GUEST SPEAKER [NATIONAL]

- 3. Industrial Keynote Speaker, Construction Industry Payment and Adjudication Act 2012: Possible Impact to the Malaysian Construction Industry, Mega Construction Week 8.0, Faculty of Technology Management and Business, Universiti Tun Hussein Onn Malaysia, 10 December 2017.
- 4. Keynote Speaker, Students Colloquium, Niche Research Grant Scheme (NRGS), Robotic Research From Other Perspectives, 12 October 2016.

16.3 INVITED SPEAKER AND FACILITATOR

- 1. Invited Speaker, Career Path Competency Matrix (CPCM), Data Analysis in Technical and Vocational Education Transnig (TVET) Research (Research Methodology in TVET) Siri 6/2023, 6 8 June 2023, Politeknik Tuanku Syed Sirajudin, Perlis.
- 2. Invited Speaker, Career Path Competency Matrix (CPCM), Data Analysis in Technical and Vocational Education Traninig (TVET) Research (Research Methodology in TVET) Siri 5/2023, 29 31 May 2023, Kolej Komuniti Hulu Langat.
- 3. Facilitator, PhD Write Up Camp, Faculty of Architecture Planning and Surveying, Institute of Leadership and Development [ILD], 15 17 February 2019.
- 4. Invited Speaker, PhD Write Up Camp, Faculty of Architecture Planning and Surveying, Institute of Leadership and Development [ILD], 15 17 February 2019.
- 5. Invited Speaker, Research and Writing Skills for UiTM Academics, UiTM Kelantan Branch, 17 18 December 2018.
- 6. Invited Speaker, Leadership Module in Writing and Publication (Part 2), Universiti Sains Islam Malaysia [USIM] 10 11 October 2018.
- 7. Invited Speaker, Leadership Module in Writing and Publication (Part 1), Universiti Sains Islam Malaysia [USIM] 5 6 September 2018.
- 8. Invited Speaker, PhD on Time: Pre-PhD Preparation X Factor Research Topic: Cracking Head for the Best!, Institute of Leadership and Development [ILD], 9 August 2018.
- 9. Invited Speaker, Leadership in Academic Discourse, Creativity in Research and Innovation, Universiti Sains Islam Malaysia [USIM] 23 July 2018.
- 10. Invited Speaker, Leadership Module in Writing and Publication (Part 2), Universiti Sains Islam Malaysia [USIM] 2 3 May 2018.
- 11. Invited Speaker, Leadership Module in Writing and Publication (Part 1), Universiti Sains Islam Malaysia [USIM] 17 18 April 2018.

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- 12. Invited Speaker, Writing Publishable Scholarly Articles, UiTM Perak, 14 15 September 2017.
- 13. Invited Speaker, Problem, Project, Production Based Learning in TVET (Career Path Competency Matrix) Bagi Skim Perkhidmatan Pegawai Pendidikan Pengajian Tinggi (PPPT) Tahun 2017, 4 – 7 September 2017, Politeknik Merlimau, Melaka.
- Invited Speaker, Problem, Project, Production Based Learning in TVET (Career Path Competency Matrix) Bagi Skim Perkhidmatan Pegawai Pendidikan Pengajian Tinggi (PPPT) Tahun 2017, 25 – 26 July 2017, Politeknik Sultan Mizan Zainal Abidin, Dungun Terengganu.
- 15. Invited Speaker, PhD on Time: Pre-PhD Preparation X Factor Research Topic: Cracking Head for the Best!, Institute of Leadership and Development [ILD], 6 July 2017.
- 16. Invited Speaker/Consultant, Reading Writing and Scientific Presentation for Malaysian Rubber Board researchers, 12 April 2017.
- 17. Invited Speaker, IGS Research Skills: Writing the Literature Review, Institute of Graduate Studies (IGS) UiTM, 10 March 2017.
- 18. Invited Speaker, PhD on Time: Pre-PhD Preparation X Factor Research Topic: Cracking Head for the Best!, Institute of Leadership and Development [ILD], 15 February 2017.
- 19. Invited Speaker, Winning and Strengthening FRGS Research Proposal UiTM Perak, 9 10 January 2017.
- 20. Invited Speaker, IGS Research Skills: Quantitative Research, Institute of Graduate Studies (IGS) UiTM, 21 December 2016.
- 21. Invited Speaker, Professional Development Seminar on Critical and Creative Thinking; and Ethics, Faculty of Business Management, Universiti Teknologi MARA [UiTM], 19 November 2016.
- 22. Invited Speaker, PhD on Time: Pre-PhD Preparation X Factor Research Topic: Cracking Head for the Best!, Institute of Leadership and Development [ILD], 17 August 2016.
- 23. Invited Speaker, IGS Research Skills: Writing the Literature Review, Institute of Graduate Studies [IGS] UiTM, 6 May 2016.
- 24. Invited Speaker, PhD on Time: Pre-PhD Preparation X Factor Research Topic: Cracking Head for the Best!, Institute of Leadership and Quality Management [ILQAM], 24 February 2016.
- 25. Invited Speaker, Hands-On-Lab: Converting Dissertation Into Publications, Centre of Postgraduate Studies, Universiti Teknologi MARA, 18 February 2016.
- 26. Invited Speaker, Panduan Penulisan dan Penerbitan Jurnal Serta Perkongsian Resepi Kejayaan, Postgraduate Studies of Faculty of Chemical Engineering, UiTM, 27 November 2015.
- 27. Invited Speaker, PhD on Time: Pre-PhD Preparation X Factor Research Topic: Cracking Head for the Best!, Institute of Leadership and Quality Management [ILQAM], 29 October 2015.
- 28. Invited Speaker, IGS Research Skills: Writing the Literature Review, Institute of Graduate Studies [IGS] UiTM, 9 October 2015.
- 29. Invited Speaker, PhD on Time: Pre-PhD Preparation Problem Identification and Problem Solving, Institute of Leadership and Quality Management [ILQAM], 11 May 2015.
- 30. Invited Speaker, PhD on Time: Pre-PhD Preparation X Factor Research Topic: Cracking Head for the Best!, Institute of Leadership and Quality Management [ILQAM], 21 April 2015.
- 31. Invited Speaker, IGS Research Skills: Introduction to Research Methods for Science and Technology, Institute of Graduate Studies [IGS] UiTM, 29 March 2014.
- 32. Invited Writer, Pre PhD-Preparation, Institute of Leadership and Quality Management [ILQAM] UiTM, 13 15 March 2014.
- 33. Invited Speaker, The Indexing Game for Social Science Researchers, Language Academy Universiti Teknologi Malaysia [UTM], 1 March 2014.
- 34. Invited Speaker, Hands-On Exercise: Writing of Critical Literature Review for Science and Technology, Institute of Leadership and Quality Management [ILQAM], 11 February 2014.

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- 35. Invited Speaker/Facilitator, Fundamental Research Grant Scheme for Social Science, UiTM Melaka, 5 February 2014.
- 36. Invited Speaker, Introduction to Research Methodology for Science and Technology, Institute of Graduate Studies, 7 September 2013.
- 37. Invited Speaker, Overview of Research, Problem Identification and Problem Formulation for UiTM Scholarship candidates, Institute of Leadership and Quality Management (ILQAM), 2 September 2013.
- 38. Invited Speaker, From Thesis to Indexed Publication, Arshad Ayub Graduate Business School, UiTM, 20 August 2013.
- 39. Invited Speaker, Overview of Research and Problem Identification and Problem Formulation to Young Lecturer Scheme Grant Holders, UiTM Bandaraya Melaka, 27 May 2013.
- 40. Invited Speaker, Research Paper Writing Strategies, Faculty of Civil Engineering, 16 May 2013.
- 41. Invited Speaker, Research Paper Writing Strategies, Faculty of Chemical Engineering, 9 May 2013.
- 42. Invited Speaker, Publication in International Journal, Department of Postgraduate Studies, Faculty of Electrical Engineering, 20 March 2013.
- 43. Invited Speaker, Problem Identification and Problem Formulation for UiTM Scholarship candidates, Institute of Leadership and Quality Management [ILQAM], 5 February 2013.
- 44. Invited Speaker/Trainer, How to Get Your Articles Published? Research Management Institute, Annex Hall, UiTM, 27 December 2012.
- 45. Invited Speaker, How to Get Your Articles Published, Research Impact Unit, Research Management Institute, UiTM, 27 December 2012.
- 46. Invited Speaker, Research Methodology is Social Science and Indexed Publications, Information Technology Department [Infotech] UiTM, 6 November 2012, Intekma Resort.
- 47. Invited Speaker, Writing and Publishing A Research Paper Workshop for Social Sciences, Politeknik Merlimau Melaka, 3 October 2012.
- 48. Invited Speaker, Overview of Research, Problem Identification and Problem Formulation for Science and Technology, Institute of Leadership and Quality Management [ILQAM], 10 September 2012, UiTM Bandaraya Melaka.
- Invited Speaker, PhD Graduate on Time (GOT) It Workshop, Joint Event between Institute of Graduate Studies UiTM and Institute-Higher Education Leadership Academy [AKEPT], 15 July 2012.
- 50. Invited Speaker, Writing and Publishing A Research Paper Workshop for Life Sciences, 27 June 2012.
- 51. Invited Speaker, Leading in Academic Publication for National Coherence and Unite Sustainability, Joint event between Research Management Institute-Higher Education Leadership Academy [AKEPT], 21 June 2012.
- 52. Invited Speaker, Writing and Publishing A Research Paper Workshop to Faculty of Architecture, Planning and Surveying Researchers and Postgraduate Students, 20 June 2012.
- 53. Invited Speaker, Research Roadmap and Strategic Planning, Presentation to UiTM New Lecturers, UiTM Training Centre Kampung Gajah, Perak, 30 May 2012.
- 54. Invited Speaker, Institute of Graduate Studies, Research Methodology for MSc by Research and PhD Candidates in Science and Technology, April 2012-April 2013.
- 55. Invited Speaker, Fundamental Research Grant Scheme Experience Sharing Session with Universiti Pendidikan Sultan Idris [UPSI], Tanjung Malim Perak, 10-11 May 2012.
- 56. Invited Speaker, Publication in Indexed Proceedings and Journals for Social Sciences and Engineering, Politeknik Merlimau Melaka, 8-9 May 2012.
- 57. Invited Speaker, Introduction to Research Methods for MSc by Research and PhD candidates, UiTM Institute of Graduate Studies Research Skills Seminar, 21 April 2012.

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- 58. Facilitator, Leading in Academic Publication in Utilizing Commercialized Research for Society, Facilitator for Journal Writing in Social Science, Joint event between Research Management Institute-Higher Education Leadership Academy [AKEPT]-UiTM Sarawak, 4-5 April 2012.
- 59. Facilitator, Mentoring Researchers From Polytechnics: Scenario in Global Research Ecosystem, Facilitator for Social Science Research Paradigms, Joint event between UiTM-Higher Education Leadership Academy [AKEPT]-Polytechnics, 23-26 March 2012.
- 60. Invited Speaker, From Research to Publication, Understanding Researchers' Mind (Social Science), presentation to UiTM librarians, 15 March 2012.
- 61. Invited Speaker, Publication in Indexed Proceedings/Journals, presentation to UiTM lecturers, 23 February 2012 and 26 May 2012.
- 62. Invited Speaker, Introduction to Research Degrees and Research Elements for MSc by Research and PhD, Raise Your Game Program (Head of Program, Raise Your Game Part 1 and 2 Since 2011).
- 63. Invited Speaker, Institute of Leadership and Quality Management [ILQAM], 13 June 2011: Overview of Research Methods/Procedures and Conceptualization and Research Framework for Social Sciences.

16.4 MASTER TRAINER

- Program AKEPT Competency and Enhancement Programme (ACEP) Penyelidikan R102 (Introductory) Modul Penulisan dan Penerbitan Zon Tengah, Universiti Sains Islam Malaysia, 24 – 25 January 2018.
- Program AKEPT Competency and Enhancement Programme (ACEP) Penyelidikan R102 (Introductory) Modul Penulisan dan Penerbitan Zon Timur, Universiti Malaysia Terengganu, 20-21 December 2017.
- 3. Program AKEPT Competency and Enhancement Programme (ACEP) Penyelidikan R102 (Introductory) Modul Penulisan dan Penerbitan Zon Utara, Universiti Utara Malaysia, 28-29 November 2017.
- Program AKEPT Competency and Enhancement Programme (ACEP) Penyelidikan R102 (Introductory) Modul Penulisan dan Penerbitan Zon Sarawak, Universiti Malaysia Sarawak, 13-14 November 2017.
- Program AKEPT Competency and Enhancement Programme (ACEP) Penyelidikan R102 (Introductory) Modul Penulisan dan Penerbitan Zon Sabah, Universiti Malaysia Sabah, 7-8 November 2017.
- 6. Training for Trainers, AKEPT Research and Innovation Circle (A-RIC): Writing and Publication: Introductory (Level 1), 8-9 April 2015.
- 7. Training for Trainers, Module Development Programme in "Writing and Publication: Advance Leadership Programme" by AKEPT, 15-16 December 2014.
- 8. Training for Trainers, Module Development Programme in "Writing and Publication: Intermediate Leadership Programme" by AKEPT, 29-30 October 2014.
- 9. Training for Trainers, Module Development Programme in "Writing and Publication: Introductory Leadership Programme" Invited Speaker by Universiti Teknologi Malaysia [UTM], 12-13 October 2014.
- 10. Training for Trainers, Module Development Programme in "Writing and Publication: Introductory Leadership Programme, Series 2" by AKEPT, 3-4 September 2014.
- 11. Training for Trainers, Module Development Programme in "Writing and Publication: Intermediate Leadership Programme" by AKEPT, 15-16 May 2014.

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- 12. Training for Trainers, Module Development Programme in "Writing and Publication: Introductory Leadership Programme" by AKEPT, 16-17 April 2014.
- 13. Research and Publication Scholar, Module Writer, Modul Kepimpinan Penulisan Dan Penerbitan Akademi Kepimpinan Pengajian Tinggi [AKEPT] since 2013.
- 14. Team Member, Jawatankuasa Pakar dan Pemikir Pembangunan Modul Kepimpinan Penulisan dan Penerbitan Akademi Kepimpinan Pengajian Tinggi [AKEPT], May 2013.

16.5 PANEL ASSESSOR AND ACCREDITOR

- 1. Presiding as a Judge for Asian Law Student's Association [ALSA] Malaysia Mediation Competition 2020, 7 8 November 2022.
- 2. Panel Assessor for the Malaysian Research Assessment Instrument [MyRA] Star Rating Star Ministry of Education Malaysia [KPM] for Community Projects, UiTM, 20 February 2022 28 February 2024.
- 3. Expert Panel, Ministry of Science, Technology and Innovation [MOSTI], Research and Development Grant, Appointment from 1 January 2021 31 December 2023.
- 4. Panel Academic Accreditor for Building and Construction Technology, Technology and Technical Accreditation Council [TTAC], Malaysia Board of Technologists [MBOT] Since December 2019.
- 5. Presiding as a Judge for Asian Law Student's Association [ALSA] International Mediation Competition 2020, 16 18 October 2020.
- 6. Panel Assessor for the Ministry of Education Malaysia [KPM], Post Covid-19 Special Research Scheme, 15 May 2020, Priority Area on Legal and Policy.
- 7. Panel Assessor for UiTM, Prototype Research Grant Scheme [PRGS] Research Domain Art and Applied Art since July 2019.
- 8. Panel Assessor for the Ministry of Education Malaysia [KPM], Fundamental Research Grant Scheme [FRGS] Phase 1/2019, 23 26 April 2019, Research Domain Natural and Cultural Heritage, Sub Research Domain Built Environment.
- 9. Panel Assessor for UiTM, Fundamental Research Grant Scheme for Research Acculturation of Early Career Researcher [FRGS-RACER] Research Domain Art and Applied Art Sub Research Domain Built Environment since April 2019.
- 10. Panel Assessor for UiTM, Transdisciplinary Research Grant Scheme [TRGS] Research Domain Art and Applied Art Sub Research Domain Built Environment since April 2019.
- 11. Head of Evaluation Panel/Visiting Industry Lecturer, Politeknik Sultan Salahuddin Abdul Aziz Shah [PSA], PSA Invention and Innovation Technology Exposition [PITEX], 5 April 2019.
- 12. Panel Assessor for UiTM, Fundamental Research Grant Scheme [FRGS] Research Domain Art and Applied Art Sub Research Domain Built Environment since 1 January 2017.
- 13. Panel Assessor, MSc ICPM Admission Intake since 2015.
- 14. Evaluation Panel, MSc in Integrated Construction Project Management (MSc ICPM) Dissertation Defence Proposal, 25 April 2014.
- 15. Evaluation Panel, Colloquium of Research for PhD and MSc by Research Program, 3 April 2014.
- 16. Panel Assessor, MSc Facilities Management Dissertation Defence Proposal, 15 May 2013.
- 17. External Assessor (Defence), PhD in Accounting, Faculty of Accountancy UiTM, 3 May 2013.
- 18. External Assessor, MSc by Research defence proposal, Administrative Science, Faculty of Administrative Science and Policy Studies UiTM, 16 January 2013.
- 19. Panel Assessor, MSc ICPM Admission Intake since 2012.
- 20. Panel Assessor, MSc ICPM Dissertation Proposal Defence since 2012.
- 21. Panel Assessor, Politeknik Shah Alam Internal Colloquium, 12 July 2012.

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- 22. Panel Assessor, Research Acculturation Grant Scheme and Fundamental Research Grant Scheme since 2011.
- 23. Panel Assessor (Research Methodologist/Research Methodology Expert), PhD Defence Proposal, Institute of Graduate Studies, UiTM and MSc By Research Viva (Chairman) (since 2011).
- 24. Internal Auditor in Research, Centre of Excellence, Research Management Institute (RMI, UiTM) (2011).
- 25. Panel Assessor, MSc by Research and PhD in Built Environment, Faculty of Architecture, Planning and Surveying, UiTM (since 2010).

16.6 CHAIRMAN OF VIVA VOCE EXAMINATIONS AND DEFENCE PROPOSAL

- 1. PhD in Built Environment (AP991), Salim Mohamaed Humaid Al Waili, The Use of Geospatial Data for Disaster Flood Modeling in the Sultante of Oman, date of the Viva Voce 30 May 2023.
- 2. MSc in Built Environment (AP781), Nor Nadirah Akmar Mokhtar, the Solution for Development of Al-Mafqud Property, Universiti Teknologi MARA [UiTM], date of the Viva Voce 27 October 2022.
- 3. MSc in Built Environment (AP781), Nur Idayu Zulkifli, the Influences of Thermal Comfort Condition Towards Children Performance at Child Care Centres, Universiti Teknologi MARA [UiTM], date of the Viva Voce 8 November 2018.
- 4. MSc in Built Environment (AP781), Nur Zurairah Abdul Halim, Investigating the Usability of National Digital Cadastral Database (NDCDB) for Land-Based Spatial Analysis, Universiti Teknologi MARA [UiTM], date of the Viva Voce 22 May 2018.
- 5. MSc in Built Environment (AP781), Ibstizam Ab Majid, Biomass Estimation of Dominant Tropical Tree Species Using High Resolution Remotely-Sensed Data, Universiti Teknologi MARA [UiTM], date of the Viva Voce 28 August 2017.
- 6. PhD in Civil Engineering Defence Proposal Session, Faculty of Civil Engineering UiTM, date of the Viva Voce 10 June 2013.

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17.0 EDITORIAL BOARD MEMBER/REVIEWER

17.1 JOURNALS

- 1. American Journal of Environmental Protection. http://www.sciencepublishinggroup.com/journal/editorialboard.aspx?journalid=163
- 2. American Journal of Environmental Protection. Science Publishing Group. http://www.sciencepublishinggroup.com/
- 3. American Journal of Environmental Science, Science Publication. https://thescipub.com/journals/ajes
- 4. Australasian Journal of Construction Economics and Building [SCOPUS Indexed Q2], UTSEPress Journals. http://epress.lib.uts.edu.au/ojs/index.php/AJCEB/index
- 5. EnvironmentAsia, the Thai Society of Higher Education Institutes on Environment (TSHE) [SCOPUS Q3/Q4 and Web of Science Indexed]. http://www.tshe.org/ea/
- 6. Guest Editor, MDAB [Majlis Dekan Alam Bina] Special Issue on Construction Management, International Journal of Sustainable Construction Engineering and Technology, Universiti Teknologi Tun Hussein Onn Malaysia [SCOPUS Q4 and Web of Science Indexed]. http://penerbit.uthm.edu.my/ojs/index.php/IJSCET/
- 7. Guest Editor, Special Issue on Construction Management and Technology, International Journal of Sustainable Construction Engineering and Technology, Universiti Teknologi Tun Hussein Onn Malaysia [SCOPUS Indexed]. http://penerbit.uthm.edu.my/ojs/index.php/IJSCET/
- 8. Habitat International [Elsevier, SCOPUS Q1]. http://www.journals.elsevier.com/habitat-international/
- 9. International Journal of Architecture, Engineering and Construction (IJAEC). http://www.iasdm.org/journals/index.php/ijaec/
- 10. International Journal of Construction Education and Research [SCOPUS Indexed Q3], ISSN 1550-3984, Taylor and Francis. http://www.ascjournal.ascweb.org/
- 11. International Journal of Environmental Monitoring and Analysis. Science Publishing Group. http://www.sciencepublishinggroup.com/journal/
- 12. International Journal of Green Technology, https://ijgtech.com
- 13. International Journal of Project Management [SCOPUS Indexed Q1, WOS/JCR Q1 Impact Factor 4.034, 5 Year Impact Factor 4.383]. https://www.journals.elsevier.com/international-journal-of-project-management
- 14. International Journal of Real Estate Studies [INTREST UTM]. https://www.utm.my/intrest/
- 15. International Journal of Sustainable Construction Engineering and Technology, Universiti Teknologi Tun Hussein Onn Malaysia [SCOPUS Indexed]. http://penerbit.uthm.edu.my/ojs/index.php/IJSCET/
- 16. International Journal of Transport and Logistics (IJTL), Malaysia Institute of Transport. http://mitranconf.uitm.edu.my/journal/
- 17. Journal of Advanced Manufacturing Technology [SCOPUS]. http://journal.utem.edu.my/index.php/jamt
- 18. Journal of Building Performance (JBP), Universiti Kebangsaan Malaysia. http://pkukmweb.ukm.my/~jsb/jbp/index_files/guideline.html
- 19. Journal of Cleaner Production, Elsevier [SCOPUS Indexed Q1]. http://www.journals.elsevier.com/journal-of-cleaner-production/
- 20. Journal of Construction in Developing Countries [SCOPUS Indexed Q3], Universiti Sains Malaysia. ISSN 1823-6499. http://web.usm.my/jcdc/editorial_board.htm

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- 21. Journal of Construction. Association of Schools of Construction of Southern Africa (ASOCSA). http://www.asocsa.org/index.html
- 22. Journal of Engineering, Project, and Production Management (EPPM-Journal). http://www.ppml.url.tw/EPPM Journal/index.htm
- 23. Journal of Project Management Practice. University of Malaya. https://ejournal.um.edu.my/index.php/JPMP
- 24. Journal of Quantity Surveying and Construction Business (JQSCB), International Islamic University Malaysia. http://www.thejqscb.blogspot.com
- 25. Journal of Surveying, Construction and Property [JSCP, ERA Indexed], University of Malaya. http://e-journal.um.edu.my/public/browse-journal-view.php?id=25?
- 26. Jurnal Teknologi Sciences and Engineering [SCOPUS Indexed Q3/ESCI-WOS]. https://jurnalteknologi.utm.my/index.php/jurnalteknologi/index
- 27. Malaysian Construction Research Journal (MCRJ), Construction Research Institute of Malaysia, Construction Industry Development Board of Malaysia. [SCOPUS Indexed Q4]. https://www.cream.my/my/
- 28. Mehran University Research Journal of Engineering and Technology [WOS Impact Factor 0.2]. https://publications.muet.edu.pk/
- 29. Resources, Conservation and Recycling [SCOPUS Indexed Q1, WOS/JCR Q2 Impact Factor 3.313, 5 Year Impact Factor 4.141]. https://www.journals.elsevier.com/resources-conservation-and-recycling
- 30. Scientific Research Journal (SRJ), Research Management Institute/Universiti Teknologi MARA. http://rmi.uitm.edu.my/scientific-research-journal.html
- 31. Sustainable Cities and Society [SCOPUS Q1/Q2, WOS/JCR Q2/Q3 Impact Factor 1.777, 5 Year Impact Factor 1.968]. https://www.sciencedirect.com/science/journal/22106707

17.2 CONFERENCES

- 1. The 3rd International Conference on the Built Environment and Engineering 2022 (ICONBEE 2022). https://iconbee.uitm.edu.my
- 2. The 1st International Conference on Biodiversity and Sustainable Development 2021 (IBIOSDG 2021). https://ibiosdg.uitm.edu.my/2021/
- 3. International Graduate Conference of Built Environment and Surveying 2019 (GBES). https://builtsurvey.utm.mv/gbes2019/about/
- 4. Associated Schools of Construction (ASC) Annual International Conference 2019. http://ascpro.ascweb.org/main.php
- 5. Associated Schools of Construction (ASC) Annual International Conference 2018. http://ascpro.ascweb.org/main.php
- 6. IEEE Technology and Engineering Management Society (TEMS) International Conference 2018 (IEEE XPLORE/SCOPUS). http://temscon18.ieee-tems.org
- 7. The 1st International Conference on the Built Environment and Engineering 2018 (ICONBEE 2018). https://iconbee.uitm.edu.my/history/iconbee-2018/
- 8. Associated Schools of Construction (ASC) Annual International Conference 2017. http://ascpro.ascweb.org/main.php
- 9. 4th International Conference on Science and Social Science Research 2017. http://cssr.uitm.edu.my/2017/
- 10. International Conference on Applied Electronics and Engineering 2017 (SCOPUS). http://ceesfee.org/icaee2017/

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- 12. International Conference on Sustainable Engineering and Technology 2016 (INCONSET). http://inconset2016.com
- 13. Associated Schools of Construction (ASC) Annual International Conference 2016. http://ascpro.ascweb.org/main.php
- 14. Associated Schools of Construction (ASC) Annual International Conference 2015. http://ascpro.ascweb.org/main.php
- 15. Malaysia Technical Universities Conference on Engineering and Technology (MUCET) 2015. http://www.mucet.net/
- 16. Associated Schools of Construction (ASC) Annual International Conference 2014. http://ascpro.ascweb.org/main.php

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18.0 H-INDEX, CITATIONS, PUBLICATIONS AND INTELLECTUAL PROPERTY

H-INDEX	
Google Scholar	19
Google Scholar i-10 Index	34
Scopus/Elsevier	12
Web of Science	7
CITATIONS AND ARTICLES	
Total Citations [Google Scholar]	1151
Total Articles [Google Scholar]	159
Total Citations [Scopus/Elsevier]	345
Total Articles [Scopus/Elsevier]	80
Total Citations [Web of Science]	139
Total Articles [Web of Science]	59
Journal Articles	54
[Scopus/WOS/CA/ERA]	
Journal Articles [MyCite/Refereed]	26
Conference Proceedings	82
Books and Law Reports	10
Newspaper Articles	1
TOTAL PUBLICATIONS	173
INTELLECTUAL PROPERTY	5

18.1 JOURNAL ARTICLES

[INDEXED BY SCOPUS/WEB OF SCIENCE/CLARIVATE ANALYTICS /ERA]

- 1. Razak, N. A. A., A., Ismail, Z., Brahim, J., Pheng, L. S. (2023). Dominant Issues in Loss and Expense Claim Applications from Consultant Quantity Surveyors' Perspectives. Malaysian Construction Research Journal Volume 20, No. 3 (2023), 67-78. [Q4 SCOPUS, S]R 0.13].
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- 3. Othman, M. K. F., Judi, S. S., <u>Ismail, Z.</u>, Pheng, L. S. (2023). *Exploring Determinants Contributing to Disputes in the Closing of Final Accounts in the Construction Industry*. International Journal of Sustainable Construction Engineering and Technology, 14(5), 221-233. [Q4 SCOPUS/Clarivate Analytics Emerging Sources Citation Index].

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- 5. Nor, M.R.M., Judi, S.S., <u>Ismail, Z.,</u> (2023). Analyzing Pattern and Trends for Final Account Issues in the Malaysian Construction Industry: A Thematic Review. Malaysian Construction Research Journal Volume 19, No. 2 (2023), 73-86. [Q4 SCOPUS, SJR 0.13].
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- 7. Raja Berema, R. K., <u>Ismail, Z.</u>, Brahim, J. (2022). Comparative Analysis of Existing Contracts for Building Information Modelling (BIM) Projects in Malaysia and Selected Common Law Countries. International Journal of Sustainable Construction Engineering and Technology, 12(5), 9-18. [Q4 SCOPUS/Clarivate Analytics Emerging Sources Citation Index].
- 8. Kasmuri, S. H. M., <u>Ismail, Z.</u>, Nordin, R. M. (2021). Comparative Study of Existing Employment Regulatory in Malaysia and Selected Common Law Countries. International Journal of Sustainable Construction Engineering and Technology, 12(1), 79-87. [Q4 SCOPUS/Clarivate Analytics Emerging Sources Citation Index].
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- 11. Kasmuri, S. H. M., <u>Ismail, Z.</u>, Nordin, R. M., Hashim, N. (2020). A System Review of Employee Turnover Antecedents in the Construction Industry. Environment-Behaviour Proceedings Journal, Volume 5, No 13 (2020), 65-73. [Clarivate Analytics Web of Science/Science Open].
- 12. Mohd Najib, I. Z., Mohd Nordin, R., and <u>Ismail, Z.</u> (2020). *Analyzing the Participation Factors of Local Labour in the Malaysian Construction Industry*. International Journal of Sustainable Construction Engineering and Technology, 11(2), 234-241. [Q4 SCOPUS/Clarivate Analytics Emerging Sources Citation Index].
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- 17. Ng, N. K. M. F., <u>Ismail, Z.</u>, Hashim, N., (2019). *Towards Sustainable Dispute Resolution: A Framework to Enhance the Application of Fast Track Arbitration in the Malaysian Construction Industry*. International Journal of Sustainable Construction Engineering and Technology, Volume 10, No 2 (2019), 93-103. [Q4 SCOPUS/Clarivate Analytics Emerging Sources Citation Index].

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- 47. Fikriah, N.S., Saripan, H., <u>Ismail, Z.</u> (2014). The Medical Device Regulation for Humanoid Robotics: Does One Size Fits All?. *Procedia Computer Science* 76, 381 387 [SCOPUS/Web of Science, SJR 0.286].
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- 54. <u>Ismail, Z.</u>, Abdullah, J., Hassan, F., and Zin, R. M. (2010). Mediation In Construction Industry. *Journal of Surveying, Construction and Property*, 1(1), 22 [ERA].

18.2 JOURNAL ARTICLES [INDEXED BY MYCITE/MYJOURNAL AND REFEREED]

- 1. Razak, N.A.A., <u>Ismail, Z.,</u> Brahim, J. (2023). A Review of Disputes in Claims for Loss and Expense Related to the PWD Form of Contract based on Malaysian Legal Cases. Journal of Technology Management and Business 10(2), 15-23 [MyCite/MyJournal].
- Othman, N.S., <u>Ismail, Z.</u> (2023). COVID-19 Impact on Dispute Resolution The Utilization of Mediation in the Settlement of Construction Disputes in Malaysia. Journal of Building Performance, 14(1), 1-9 [MyCite/MyJournal].
- 3. N.A.A. Aziz, **Z. Ismail**, (2022). Preliminary Investigation on Possible Fire Causation in Multistorey Buildings in Selangor. International Journal of Real Estate Studies [INTREST] 16:S1, 83-91.
- 4. Najib, M. Z. M., Nordin, R.M., Yunus, J., <u>Ismail, Z.</u>, Nasir, N.M., (2022). *Technical Vocational Education and Training (TVET) Capability Approach Framework [TVET-CAF]*. Online Journal for TVET Practitioners, 7(2), 1-10 [MyCite/MyJournal].
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- 8. Nasir, N. I. I. M., <u>Ismail., Z.,</u> Ng, N. K. M. F., (2018). Comparative Analysis on Construction Adjudication Systems Towards Effective Implementation of Statutory Adjudication in Malaysia. *Malaysian Journal of Civil Engineering* 30(2): 202 216 (2018) [MyCite/MyJournal].
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- Hussin, S. N., <u>Ismail, Z.,</u> (2015). Investigation of Enhancement Factors for the Usage of Mediation in the Malaysian Construction Industry. *Journal of Technology Management and Business* 2(1), 1-19 [MyCite/MyJournal].
- 19. Mohd Shith Putera, N. S. F., Saripan, H., <u>Ismail, Z.</u>, (2015). Welcoming the Citizen of the Future. *Malayan Law Journal* 3 MLJ (2015)(Lexis-Nexis).
- 20. Sa'adi, N., <u>Ismail, Z.</u>, Mokhtar, Z.A. (2015). Government Initiatives Pertaining to Construction Waste Minimization in Malaysia. *International Journal of Energy and Environment* 9(2015), 165-170.
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- 24. Makmor, M., <u>Ismail, Z.</u>, Hashim, R., Nasir, N. (2012). Malaysia under the Purview of the United Nations and Agenda 21. World Academy of Science, Engineering and Technology, International Science Index 72, International Journal of Social, Human Science and Engineering, 6(12), 80 84 (International Science Index).
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- 26. <u>Ismail, Z.,</u> Jamalunlaili, A., and Rosli, M. Z. (2011). Findings of Alternative Dispute Resolution (ADR) Application and Obstacles Towards Active Development of ADR in the Malaysian Construction Industry. *Current Law Journal (CLJ)*, 4(2011).
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18.3 CONFERENCE PROCEEDINGS AND POSTER PRESENTATION

- 1. RK Raja Berema, **Z Ismail,** J Brahim and NA Nordin (2023). A Systematic Review of Existing Standard Form of Contract for Building Information Modeling (BIM) Public Projects in Malaysia. Paper presented at the 6th International Conference on Research Methodology for Built Environment and Engineering 2023 (ICRMBEE 2023), Universiti Teknologi MARA, Malaysia (UiTM). [Paper published in IOP Conference Series: Earth and Environmental Science 1217 (1), 012006].
- 2. Ahnuar, E., <u>Ismail, Z.,</u> and Judi, S.S., (2022). Barriers to construction mediation: Views of mediation practitioners. Paper presented at the International Conference on Built Environment and Engineering 2022 (IConBEE), Universiti Teknologi MARA, Malaysia (UiTM). Paper presented at the International Conference on Built Environment and Engineering 2022 (IConBEE), Universiti Teknologi MARA, Malaysia (UiTM). [Paper published in AIP Conf. Proc. 2881 (2023). SCOPUS].
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- 4. Najib, I.Z.M., Yunus, J., Nordin, R.M., <u>Ismail, Z.</u>, and Hashim, N., (2022). A Narrative Systematic Review on The Effect of Self-Efficacy Towards Academic Perseverance and Career Pursuance: The Case of TVET Graduates. Paper presented at the International Conference on Built Environment and Engineering 2022 (IConBEE), Universiti Teknologi MARA, Malaysia (UiTM). Paper presented at the International Conference on Built Environment and Engineering 2022 (IConBEE), Universiti Teknologi MARA, Malaysia (UiTM). [Paper published in AIP Conf. Proc. 2881 (2023). SCOPUS].
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18.4 BOOKS AND LAW REPORTS

- 1. CIDB Construction Law Report 2023 Edition (Cases 2021 and 2022), Appointed as Technical Committee Member and Commentator for the case of <u>Tan Sri Dato' Yap Suan Chee v CLT Contract Sdn Bhd</u> Originating Summons No: WA-24C-17-03/2021.
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- 3. CIDB Construction Law Report 2021 Edition (Summary of 2020 Written Judgments and Lesson Learnt), Appointed as Technical Committee Member and Commentator for the case of <u>IRDK Venture Sdn Bhd v Econpile (M) Sdn Bhd [2021] 1 CIDB-CLR 67</u> on the validity of Adjudication Decision and jurisdiction of the Adjudicator on payment claims when the contract has been terminated.
- 4. CIDB Construction Law Report 2020 Edition (Summary of 2019 Written Judgments and Lesson Learnt), Appointed as Technical Committee Member and Commentator for the cases of <u>Jack-In Pile (M) Sdn Bhd v Bauer (Malaysia) Sdn Bhd and Another Appeal Federal Court</u>, Civil Appeal No: 02(F)-58-07/2018(B); 02(F)-59-07/2018(B) on Prospective Application of the CIPAA.
- CIDB Construction Law Report 2020 Edition (Summary of 2019 Written Judgments and Lesson Learnt), Appointed as Technical Committee Member and Commentator for the cases of <u>Skyworld</u> <u>Development Sdn Bhd v Zalam Corporation Sdn Bhd</u> High Court Kuala Lumpur, Originating Summons No: WA-24(C)-212-09/2018 on Delay of Adjudication Decision.
- 6. CIDB Construction Law Report 2019 Edition (Summary of 2018 Written Judgments and Lesson Learnt), Appointed as Technical Committee Member and Commentator for the cases of <u>Kerajaan Malaysia (Jabatan Kerja Raya) v Global Globe (M) Sdn Bhd</u> Court of Appeal, Putrajaya, Civil Appeal No: W-01(C)(A)-190-05/2016 on Extension of Time and Termination Related issues and <u>City Cabinet Factory Sdn Bhd v Pembinaan Pasti Dinamik Sdn Bhd</u>, High Court Kuala Lumpur, Civil Appeal No: WA-12BC-2-4/2018 on privity of contract.
- CIDB Construction Law Report 2018 Edition (Summary of 2017 Written Judgments and Lesson Learnt), Appointed as a Technical Committee Member and Commentator for the cases of <u>R and U Construction and Development Sdn Bhd v Perbadanan Kemajuan Negeri Selangor</u>, High Court (Shah Alam) 21C-3-09/2015 on Defective Works and Liquidated Damages; and <u>Digital Builders Sdn Bhd v Kerajaan Malaysia</u>, High Court (Kuala Terengganu) TA - 21C - 1- 01/2016.
- 8. A Creative Mind for the Construction Industry, International Construction Week (ICW) 2017 Highlights Towards Enhancing Quality and Safety in Construction, CIDB Malaysia 2017.
- 9. International Civil and Infrastructure Engineering Conference, Springer 2014.
- 10. International Civil and Infrastructure Engineering Conference, Springer 2013.

18.5 THESES/DISSERTATIONS

- 1. <u>Ismail, Z.,</u> (2010). A Framework for Effective Private Dispute Resolution in the Malaysian Construction Industry. PhD, Universiti Teknologi MARA, Shah Alam [UiTM Institute of Graduate Studies Excellence Award].
- 2. <u>Ismail, Z.,</u> (2005). Reform of the Malaysian Arbitration Law To What Extent It Is Based on the UNCITRAL Model Law and the New Zealand Arbitration Act 1996? King's College London [With Merit].

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18.6 NEWSPAPER ARTICLE

1. Zulhabri Ismail (2008, 27 November). Government Must Ensure Speedy Payment, The Star.

18.7 INTELLECTUAL PROPERTY

- 1. Tree Protection Requirements in Malaysian Construction Projects, Reference No IP/CR/04812.
- 2. Framework of Tree Protection (Act 172) Implementation for Construction Projects, Reference No IP/CR/04810.
- 3. Framework for Emergency Fire Evacuation of Mixed-Used Development, Copyright, MyIPO, 28 April 2022.
- 4. Simulation Parameter to Manage Flood Waste in Malaysia, Copyright, Voluntary Notification MyIPO, 25 March 2019.
- 5. The Civil Engineering Preliminaries Protocol (CEPP), Copyright, Voluntary Notification MyIPO, 4 December 2018.
- 6. Humanoid Robotic Acceptance Among Autistic Children (HRAAC), Copyright, Voluntary Notification MyIPO, 7 July 2015.
- 7. Social, Ethical, Economic and Spiritual Implications of Humanoid Assisted Skill Development of Brain-Impaired Children, Voluntary Notification MyIPO, 13 May 2015.

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19.0 SUMMARY

PROFESSOR Sr Ts DR ZULHABRI ISMAIL MRISM P Tech MBOT MACPM MMSAdj			
ACADEMIC	C AND PROFESSIONAL QU	JALIFICATI	ONS
QUALIFICATIONS	AWARDING INSTITUTIONS	YEAR	REMARKS
Bachelor of Legal Studies (Hons)	Universiti Teknologi MARA [UiTM]	2019 – 2023	CGPA 3.71 Substantive Law 8 Semesters Dean's List First Class
Specialist Certificate in Oil and Gas Law	Brickfield Asia College [BAC]	2019	Specialise in Oil and Gas Contracts
Accredited Mediator	Bar Council Malaysian International Mediation Centre [MIMC]	2019 – present	Specialise in Construction Disputes
Professional Certificate of Mediation	Bar Council Malaysian International Mediation Centre [MIMC]	2019	Qualified as a Sole Mediator, By Virtue of Malaysia Mediation Act 2012
Professional Diploma in International Arbitration	Malaysian Institute of Arbitrators [MIArb] and Brickfield Asia College [BAC]	2018	Qualified to Practice Arbitration and Arbitration Case Counsel
Certified and Panellist Adjudicator and Pro Bono Mediator	Asian International Arbitration Centre [AIAC]	2018 - present	Specialise in Construction, Engineering, Infrastructure/Architecture and Design/Quantity Surveying, Energy, Mining, Oil and Gas, Power and Natural Resources
Registered Certified Trainer	Human Resource Development Fund [HRDF]	2018 - present	Ministry of Human Resources Malaysia
Professional Certificate in Adjudication	Asian International Arbitration Centre [AIAC]	2018	Construction Industry Payment and Adjudication Act 2012 (CIPA Act 2012 Act 746)
Registered Professional Technologist in Building and Construction	Malaysia Board of Technologists [MBOT]	2017 - present	Technologists and Technicians Act 2015 (Act 768)
Professional Diploma in Building Surveying	Royal Institution of Surveyors Malaysia [RISM]	2017 – 2018	Qualified as a Professional Building Surveyor
PhD in the Specialisms of the Built Environment (Construction Law)	Universiti Teknologi MARA [UiTM]	2007 – 2010	Scholarship Awarded in 2008 Excellence Award Recipient
MSc in Construction Law and Arbitration	King's College London [KCL] University of London	2003 – 2005	Merit for Research Project
Bachelor of Construction Management (Hons)	Universiti Teknologi MARA [UiTM]	2000 – 2002	Second Class Upper Distinction for Research Project Final Semester Dean's List
Diploma in Building	Institut Teknologi MARA [UiTM]	1994 – 1997	3 Years of Working Experiences

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PROFESSIONAL AFFILIATIONS

Accredited Mediator, Bar Council Malaysian International Mediation Centre [MIMC]

Certified and Panellist Adjudicator and Pro Bono Mediator, Asian International Arbitration Centre [AIAC]

Professional Technologist (Building and Construction Technology), Malaysia Board of Technologists [P Tech MBOT]

Professional Building Surveyor, Royal Institution of Surveyors Malaysia [MRISM]

Member of the Malaysian Society of Adjudicators [MMSAdj]

Member of the Royal Institution of Surveyors Malaysian [MRISM]

Member [Life Member] of the Association of Construction Project Managers Malaysia [MACPM]

Member of the King's College Construction Law Association [KCCLA]

AFFILIATIONS			
EXTERNAL	INTERNAL		
Professional Building Surveyor Royal Institution of Surveyors Malaysia [RISM]	Director, UiTM Press [2023 – present]		
Professional Technologist (Building and Construction Technology), Malaysia Board of Technologists [MBOT]	Head, Research Initiative Group [RIG], Research and Innovation [2023]		
Accredited Mediator Bar Council Malaysian International Mediation Centre [MIMC]	Head, Postgraduate Studies [2022]		
Panellist Adjudicator and Pro Bono Mediator Asian International Arbitration Centre [AIAC]	Programme Coordinator, Master of Science in Integrated Construction Project Management [2015 – 2019]		
Council Member (Executive Committee) Association of Construction Project Managers Malaysia [ACPM]	UïTM Vanguard Researcher		
Master Trainer Akademi Kepimpinan Pengajian Tinggi [AKEPT]			
Past President of the UiTM International Council for Research and Innovation in Building and Construction [CIB]			
COMPETITIONS, AWARDS AND ACCOLADES			

- 2022: Faculty Excellence Award Ceremony The Best Supervisor for By Research Programme
- 2021: Gold Award for Legal Studies in Construction, eContent Development Competition 2021 (e CONDEV 2021)
- 2021: Faculty Excellence Award Ceremony Postgraduate Supervision, Abdul Aziz Abas PhD in Built Environment
- 2021: Faculty Excellence Award Ceremony Postgraduate Supervision, Nur Khodijah Muhammad Fadhlullah Ng MSc in Built Environment
- 2020: Best Paper Award [2nd Runners Up] AICQOL2020 Malacca, 18-19 March 2020
- 2019: Faculty Excellence Award Ceremony Postgraduate Supervision, Shairah Basar MSc in Built Environment
- 2019: Faculty Excellence Award Ceremony Postgraduate Supervision, Ridzuan Yacob PhD in Built Environment
- 2019: Faculty Excellence Award Ceremony Postgraduate Supervision, Nor Syazwani Yusof MSc in Built Environment
- 2019: Faculty Excellence Award Ceremony Postgraduate Supervision, Nur Afrina Qistina Ahmad Halmi MSc in Built Environment
- 2019: Faculty Excellence Award Ceremony Research Grant Recipient
- 2019: Faculty Excellence Award Ceremony Postgraduate Supervision, Siti Aida Samikon PhD in Built Environment
- 2018: Excellence Achievement Award
- 2018: The Best MOOC Developer Social Science and Humanities, National e-Content Development Competition (e-ConDev) 2018
- 2018: Gold Award for Construction Law, National e-Content Development Competition (e-ConDev) 2018
- 2017: Gold Award for Construction Law, National e-Content Development Competition (e-ConDev) 2017
- 2017: Silver Medal, the 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT SiC2017)
- 2017: Chartered Institute of Building United Kingdom (CIOB) International Innovation Research Award 2016
- 2016: FSPU Innovation Appreciation as Advisor for Nuclear Training Award, School of Energy Management Italy
- 2016: Bronze Medal, 5th International Innovation, Invention and Design (INDES)
- 2016: Gold Medal, UiTM Invention, Innovation and Design Exposition (IIDEX)
- 2016: Bronze Medal, International Invention and Innovative Competition Series 1/2016
- 2016: First Prize, FSPU Invention Innovation and Design Exposition
- 2016: Winner, Arena of Youth (AOY): Shaping the Next Generation of Construction Excellent, Re-Built it Green Project
- 2015: FSPU Quality Award as PhD/MSc By Research Supervisor
- 2015: FSPU Quality Award for Excellence Achievement Award in 2013
- 2014: Silver Medal, International Innovation and Design
- 2013: Excellence Achievement Award
- 2012: FSPU Quality Award for Publication in 2012
- 2012: FSPU Quality Award for Securing Grants in 2012
- 2011: PhD Excellence Award, IGS UiTM

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RESEARCH SUPERVISION			
PROGRAMMES	GRADUATED/COMPLETED	ON-GOING	TOTAL
PhD	7	9	16
MSc (By Research)	9	1	10
MSc (Coursework)	43	1	44
Total	59	9	70

19.6 RESEARCH GRANTS AND CONSULTANCIES				
DESCRIPTION	COMPLETED	ON-GOING	TOTAL PROJECTS	TOTAL AMOUNT
Research Grants	39	4	43	RM 1,961,900.00
Consultancies	3	1	4	RM 309,303.00
Total	42	4	46	RM 2,271,203.00

]	H-INDEX, CITATIONS			
H-Index (Google Scholar)	H-Index 19, i-10 Index 34			
H-Index (Scopus/Elsevier)	12			
H-Index (Web of Science)	7			
Citations (Google Scholar)	1151			
Total Articles (Google Scholar)	159			
Citations (Scopus/Elsevier)	345			
Total Articles (Scopus/Elsevier)	80			
Citation (Web of Science)	139			
Total Articles (Web of Science)	59			
PUBLICATION	IS AND INTELLECTUAL PROPERTY			
Journal Articles (Scopus/WOS/CA/ERA)	54			
Journal Articles (Refereed)	26			
Conference Proceedings	82			
Books and Law Reports	10			
Newspaper Articles	1			
TOTAL PUBLICATION	173			
INTELLECTUAL PROPERTY	5			
	EXAMINER			
PhD	3 International, 16 National, Internal 5			
MSc By Research	External 8			
Book Evaluation	External 6, Internal 1			
Academic Programmes and Courses	10			
Academic Promotion	1			
EX	EXTERNAL APPOINTMENTS			
Conference Chair/Technical Programme	٥٢			
Chair/Advisory Panel	25			
Subject Matter Expert and Alternative Dispute	91 Appointments			
Resolution [ADR] Practitioner	9 Appointments as Adjudicator			
	1 Appointment as Mediator			
Consultancy Projects	3			
Editorial Board Member/Reviewer	Journals 31, Conferences 16			
RESEARCH AND ACADEMIC CONTRIBUTIONS				
Keynote/Planery/Guest Speaker 2 International 2 Local				
Invited Speaker and Facilitator	63			
Master Trainer	14			
Panel Assessor and Accreditor	25			
Chairman of VIVA Examinations	6			
Chairman of VIVA Examinations	U			