

ABDUL HADI BIN AHAMAD (Dr)

Senior Lecturer

Studies of Quantity Surveying
School of Construction & Quantity Surveying
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Universiti Teknologi MARA,
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Areas of Expertise

Building Retrofitting, Construction Management, Energy Audit, Sustainable Construction

<https://scholar.google.com/citations?hl=en&user=5JT3bdQAAAAJ>

<https://prime.uitm.edu.my/publication/list-publication>

<https://www.researchgate.net/profile/Abdul-Hadi-Ahamad>

Personal Information

Abdul Hadi Bin Ahamad
Studies of Quantity Surveying
School of Construction & Quantity Surveying
College of Built Environment

Academic Qualifications

PhD in Field of Research: Civil Engineering 2023, Universiti Teknologi Malaysia (UTM)
MSc. of Science Construction Management, 2015, Universiti Teknologi Malaysia (UTM)
Bachelor of Quantity Surveying (Hons.), 2013, Universiti Teknologi MARA (UiTM)

Professional Members

1. Board of Quantity Surveyors Malaysia (BQSM), Provisional Quantity Surveyor (PVQS) since 2023
2. Royal Institution of Surveyors Malaysia (RISM), Member, since 2023

Teaching and Learning

1. Bachelor of Quantity Surveying (CFAP224) 2021 – present
 BQS 402 - Construction Technology I
 BQS 502 - Construction Technology III
 BQS 516 - Computer Aided Design & Drawing
 BQS 552 - Construction Technology IV
 BQS 554 - Building Services II
 BQS 562 - Computer Aided Measurement & Estimating
 BQS 568 - Sustainable Construction
 BQS 602 - Construction Technology V
 BQS 609 - Professional Practice II
 BQS 610 - Project Management II
 BQS 612 - Applied Studies I
 BQS 662 - Applied Studies II

Student Supervision

Undergraduates

No	Names	Research Title	Year
1.	Alia Farhana Binti Shaifullizam	Laser Scanner in Construction Projects: Barriers and Challenges	2023
2.	Aliyah Faqihah Binti Mohd Nazri	Design Risk in Construction Industry: From Contractor's Perspective	2023
3.	Intan Nurfaizlin Binti Ahmad	Risk Management Practices in Airport Construction Project: A Case Study of KLIA 2	2023
6.	Mohammad Amir Bin Halid	The Strategies of Adopting AI in the Construction Industry	2023
7.	Naureen Sofee Binti Anuar	Exploring the Potential Adoption of Smart Contracts in the Malaysian Construction Industry	2023
4.	Nur Anisa Syamsyida Binti Mohamad Salleh	The Challenges Towards Cost Management Amongst Contractors in the Era of Global Recovery	2023
8.	Nur Fathin Nadzirah Binti Mohamad	Assessing the Safety and Health Issues Among Workers on Contractors' Responsibility for Highway Projects	2023
5.	Nur Izzul Diana Binti Mohd Izuha	Construction and Cost of Turnout, Crossover and Track Switches for Railway: A Case Study on Double Track Gemas-Johor	2023
9.	Wan Muhammad Amirul Hakim Bin Adzlan	Recovering from Covid-19 Pandemic: Strategies Amongst Quantity Surveyors Consultant Firm in Malaysia	2023

Publications

Journal Articles

1. **Abdul Hadi Ahamad**, Nur IzieAdiana Abidin, Rozana Zakaria, Eeydzah Aminudin, Shaza Rina Sahamir, Jam Shahzaib Khan, Shamila Azman, Amir Alhamdi Redzuan, Santi Edra Nisa Lau, Mohamad Faiz Mohd Yusoff (2022). School Building Energy Assessment using Lean Energy Management Strategies, Frontier in Built Environment (Q2 Scopus Indexed).

2. Nurulhuda Ahamad, Ain Naadia Mazlan, **Abdul Hadi Ahamad**, Sangeetha Arjinan (2024). Exploring The Integration of Car Manufacturing Processes into Industrialised Building System (IBS) Projects in The Malaysian Construction Industry, Journal of Engineering Science and Technology, Vol 19, No. 1 (2024), 235 – 245.

Index Conference Proceedings

1. **Abdul Hadi Ahamad**, Rozana Zakaria, Eeydzah Aminudin, Nur IzieAdiana Abidin, Jam Shahzaib Khan, Amir Alhamdi Redzuan, Santi Edra Nisa Lau, Nurulhuda Ahamad (2022). The Influence of Lean Energy Retrofitting Initiatives on Malaysian School Building, 1st International Conference on Sustainable Energy and Engineering.
2. **Abdul Hadi Ahamad**, Eeydzah Aminudin, Rozana Zakaria, Nurulhuda Ahamad, Abdul Rahim, Santi Edra Nisa Lau (2020). Potential Review on Energy Analysis Attributes for in 6 Dimension Application in Building Information Modelling (BIM), IOP Conference Series: Earth and Environmental Science.
3. Santi Edra Nisa Lau, Eeydzah Aminudin, Rozana Zakaria, Chai Chang Saar, Ahmad Farhan Roslan, Zuhairi Abd Hamid, Maria Zura Mohd Zain, Zafira Nadia Maaz, **Abdul Hadi Ahamad** (2021). Talent as a Spearhead of Construction 4.0 Transformation: Analysis of Their Challenges, IOP Conference Series: Materials Science and Engineering.
4. Nurulhuda Ahamad, Ain Naadia Mazlan, Rosli Mohamad Zin, Kamran Shaverabi, **Abdul Hadi Ahamad**, Nik Fatma Arisyah Nik Yahya (2023). Relationship of Automotive Manufacturing and Industrialised Building System in Procurement System, IOP Conference Series: Human Factors and Ergonomics Malaysia Conference (HFEMC).

Other Publications

1. Construction Industry Development Board Malaysia (CIDB). Construction 4.0 Strategic Plan (2021 - 2025) Next Revolution of the Malaysian Construction Industry. Strategic Plan for Construction Industry: Gearing Up for the Fourth Industrial Revolution (2020). ISBN 978-967-0997-91-9, 96 Pages - Editorial Committee.
2. Study Notes, Building Contract Administration Volume 1 (2021), ISBN 978-967-25856-1-9, 207 Pages - Main Author.
3. Study Notes, Building Contract Administration Volume 2 (2021), ISBN 978-967-25856-0-2, 220 Pages - Main Author.

Research Grants and Contracts

1. Nurulhuda Ahamad, Kamran Shavarebi, Abdul Hadi Ahamad, MassyitaBassirun, Noorhidayah Sunarti, Muhammad Zeeshan. The Interplay Between Industrialised Building Systems and Automotive Manufacturing: Exploring Sustainable Procurement and Production Synergies. Seeding Grant INTI International University, RM20,000.

Consultation & Expertise

1. Evaluation Panel, International Workshop on Innovation in Construction Management and Economics (IWICME 2023), 6 – 8 November 2023, Universiti Teknologi Malaysia, Skudai, Johor.

Innovation, Commercialization & Entrepreneurial

1. Massive Open Online Courses (MOOC), Construction Technology IV, 2024 (Leader).

Services & Administration

1. Committee, Corporate Communications Unit, Studies of Quantity Surveying, School of Construction and Quantity Surveying, College of Built Environment (October 2023 – October 2025).
2. Advisor for Persatuan Ukur Bahan (PERUBAHAN), Studies of Quantity Surveying, School of Construction and Quantity Surveying, College of Built Environment (October 2023 – October 2025).

Work and Collaboration Experience

Jan - July 2012 : Quantity Surveyor, MITG Group Sdn Bhd, Shah Alam, Selangor.

Awards & Recognitions

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Contribution to Society

1. Technical Design Committee, Celebrating Women in Construction: Keep Calm and Break the Ground. Organised by the Construction Management and Quantity Survey Department, UiTM Shah Alam (2024).

Other Activities

1. Editorial Committee, Construction Industry Development Board Malaysia (CIDB). Construction 4.0 Strategic Plan (2021 - 2025) Next Revolution of the Malaysian Construction Industry. Strategic Plan for Construction Industry: Gearing Up for the Fourth Industrial Revolution (2020).