



CONTACT

Office :

Tel: 03 8946 8043

Fax: 03 8946 4004

Mobile :

+6016 719 8019

Email :

m_zairul@upm.edu.my

drzackzairul@gmail.com

Web :

www.drzackzairul.com.my

Faculty :

Department of Architecture,
Faculty of Design and Architecture,
Universiti Putra Malaysia,
43400 Serdang, Selangor.

Administration Post :

Cyber Generation Lab
Institut Pengajian Sains Sosial (IPSAS),
Universiti Putra Malaysia, 43400
Serdang, Selangor

PUBLICATIONS

H-Index SCOPUS	8
H-Index WoS	5
H-Index Google Scholar	13

LANGUAGE

Malay	100%
English	100%
Arabic	70%

ASSOC PROF. TS. DR MOHD ZAIRUL BIN MOHD NOOR



ACADEMIC QUALIFICATION

2017	DOCTOR OF PHILOSOPHY Technology University of Delft Project Title: flexZhouse - Proposing a Novel Business Model for Affordable Housing in Malaysia - KPT(BS)801119015091
2012	MASTER OF SCIENCE - ARCHITECTURAL STUDIES Universiti Putra Malaysia
2005	BACHELOR OF ARCHITECTURE (HONS) - ARCHITECTURE PART 2 International Islamic University of Malaysia
2003	BACHELOR OF SCIENCE ARCHITECTURE STUDIES (HONS) - ARCHITECTURE PART 1 International Islamic University of Malaysia



WORK EXPERIENCE

May 2022 - Present	ASSOCIATE PROFESSOR (DS54) - ARCHITECTURE Universiti Putra Malaysia
Aug 2017 - Apr 2022	SENIOR LECTURER (DS52) - ARCHITECTURE Universiti Putra Malaysia
Sept 2018 - Feb 2019	FELLOW CEO@FACULTY SEASON 2 - PROJECT DEPARTMENT Proven Holding Sdn Bhd
March 2012 - July 2017	LECTURER (DS45) - ARCHITECTURE Universiti Putra Malaysia
April 2008 - April 2012	TUTOR (DA41) - ARCHITECTURE Universiti Putra Malaysia
April 2007 - March 2008	ARCHITECT - CONTRACT BASIS Ministry of Internal Security
2005 - 2007	PROJECT ARCHITECT Arkitek Rekaputra



PROFESSIONAL ASSOCIATION

PROFESSIONAL MEMBER Malaysian Board of Technologist
GRADUATE MEMBER Lembaga Arkitek Malaysia
GRADUATE MEMBER Pertubuhan Akitek Malaysia
MEMBER Qualitative Research Association Malaysia
EDUCATION COMMITTEE Pertubuhan Arkitek Malaysia (PAM)
ASSOCIATE MEMBER Perekabandar (Malaysian Urban Design Association)

AWARDS & HONOUR

BOOK PUBLISHING

Memahami Asas Penyelidikan Kualitatif dan Analisis Tematik dengan ATLAS.ti 23 (Penerbit UPSI)

GOLD AWARD FOR STUDIO ORIENTED LEARNING ENVIRONMENT (S.O.L.E) - CADE | 2023

Studio teaching in CITI University, Mongolia, and Halu Oleo, Sulawesi, Indonesia. - Putra Innocreative Award Competition

1ST PLACE & CASH PRIZE WORTH RM5000 | 2023

Pertandingan amalan terbaik Inovasi Pengajaran dan Pembelajaran antara fakulti/ Sekolah / Pusat Pengajian - CAde | Putra Innocreative Award Competition

GOLD AWARD FOR STUDIO ORIENTED LEARNING ENVIRONMENT (S.O.L.E) - CADE | 2022

Studio teaching in Telkom University, Bandung, Indonesia - Putra Innocreative Award Competition

1ST PLACE & CASH PRIZE WORTH RM5000 | 2022

Pertandingan amalan terbaik Inovasi Pengajaran dan Pembelajaran antara fakulti/ Sekolah / Pusat Pengajian - Putra Innocreative Award Competition

GOLD AWARD - CADE | 2022

Assessment for Future-Proof Architecture Graduates. - Putra Innocreative Award Competition

BEST SERVICES AWARD | 2017 - 2022

Universiti Putra Malaysia

GOLD AWARD - CADE | 2021

Formulating Research Proposal through Research FlowZ for Novices. - Putra Innocreative Award Competition

SILVER AWARD - CADE | 2021

123 Steps on How to Create Review Matrix using ATLAS.ti: Dr. Zack Zairul style - Universiti Teknologi MARA (UiTM) - Putra Innocreative Award Competition

BRONZE AWARD | 2021

Formulating Research Proposal through Research FlowZ for Novices. - Universiti Teknologi MARA (UiTM) - Invention, Innovation & Design Exposition IIDEX 2021



SCIENTIFIC EXPERIENCE AND SPECIALISATION

CITI UNIVERSITY, ULANBAATAR, MONGOLIA

Adjunct Professor (February 2023 - January 2025)

- Responsibilities included instructing students, advancing research methodologies, contributing to the university's ranking enhancement, providing strategic advice for the university's development, and fostering professional growth among the staff.

UNIVERSITAS SUMATERA UTARA

Visiting Scholar (January 2023 - January 2024)

- Involved in curriculum development, designing new courses, updating existing courses, and integrating new educational technologies and methodologies into the curriculum.

UNIVERSITI PUTRA MALAYSIA

Associate Professor (DS54) (15 August 2022 - present)

- Specialized in Design & construction management, Housing, Real Estate, Architecture Pedagogy, Automation in the built environment, Risk Management, Resource management, Education management, educational technology, Smart campus, ICT in construction, ICT in pedagogy.

Lab Leader, Institute for Social Science Studies

(February 2022 - February 2023)

- Focused on Youth studies and Cyber generation.

Senior Lecturer (DS52) (1 August 2017 - 14 August 2022)

- Specialized in Design & construction management, housing, real estate, architecture pedagogy.

Lecturer (DS45) (1 April 2012 - 31 July 2017)

- Specialized in Design & construction management.

Tutor (DA41) (April 2008 - April 2012)

- Taught Design studio and technical drawing.

ATLAS.TI (QUALITATIVE DATA ANALYSIS SOFTWARE)

Certified Professional Trainer (January 2015 - present)

- Expertise in research methodology (Qualitative).

TU DELFT

Trainer for Graduate School for ATLAS.ti (April 2015 - Dec 2015)

- Provided software training.

MINISTRY OF INTERNAL SECURITY, PUTRAJAYA

Contract for Services (Architect) (April 2007 - March 2008)

- Specialized in project management and contract management.

ARKITEK REKAPUTRA, JOHOR BAHRU

Project Architect (2005 - 2007)

- Specialized in Architecture Design, Housing, and Project Architect.



JOURNAL PUBLICATIONS

2023

WOS Q2 | SCOPUS

Mnea, A., & Zairul, M. (2023). Evaluating the Impact of Housing Interior Design on Elderly Independence and Activity: A Thematic Review. *Buildings*, 13(4), 1099.

<https://doi.org/10.3390/buildings13041099>

Zairul, M., & Zaremozhzabieh, Z. (2023). Thematic Trends in Industry 4.0 Revolution Potential towards Sustainability in the Construction Industry. *Sustainability*, 15(9), 7720. <https://doi.org/10.3390/su15097720>

GOLD AWARD - CADE | 2021

123 Steps on How to Create Review Matrix using ATLAS.ti: Dr. Zack Zairul style - Universiti Teknologi MARA (UiTM) - Invention, Innovation & Design Exposition IIDEX 2021

2ND PLACE AWARD | 2020

Best Practices in Innovation in Teaching and Learning among faculties/schools/centers.- CADe

GOLD AWARD | 2019

S.O.L.E methodology for Architecture Pedagogy.- CADe | Putra Innocreative Award Competition

ANUGERAH PEGAWAI AKADEMIK TERBAIK DALAM HARTA INTELEK | 2019

Faculty of Design and Architecture

BRONZE AWARD | 2019

SOLE module: a new module for teaching in design education - Universiti Kebangsaan Malaysia | Pertandingan Rekacipta, Inovasi Nasional Kejuruteraan dan Alam Bina 2019

GOLD AWARD | 2018

Putra Future Classroom: Learning Ecosystem for the rising of the innovative LX design - CAde | Putra Innocreative Award Competition

SILVER AWARD | 2018

Introducing studiography for active learning in Architecture - CADe | Putra Innocreative Award Competition

PHD SCHOLAR | 2012 - 2016

Ministry of higher Education - SLAI

BEST PRESENTATION FOR OPEN BUILDING CONFERENCE IN ZURICH | 2015

ETH, Zurich

BEST TEACHING AWARD | 2007 - 2008

Universiti Putra Malaysia

SCOPUS Q1 & WOS

Zairul, M., Azli, M., & Azlan, A. (2023). Defying tradition or maintaining the status quo? Moving towards a new hybrid architecture studio education to support blended learning post-COVID-19. *Archnet-IJAR: International Journal of Architectural Research*. <https://doi.org/10.1108/ARCH-11-2022-0251>

SCOPUS

Aysha Mnea & Mohd Zairul (2023). Housing design studies in Saudi Arabia: A thematic review. *Journal of Construction in Developing Countries*, 28(1): 317-339.

<https://doi.org/10.21315/jcdc-09-21-0153>

ERA

Mazyoona, A., Zairul, M., & D'Silva, J. L. (2023). Exploring on Transitional LivingSpaces to Improve Quality of Life of Fishermen in Malaysia. *International Journal of Academic Research in Business and Social Sciences*, 13(14), 177-188.

<http://dx.doi.org/10.6007/IJARBSS/v13-i14/18363>

Amry, N. N. S., Zairul, M., & D'Silva, J. L. (2023). Recovering Construction Industry: Incorporate Circular Waste Management Towards Lower Construction Waste. *International Journal of Academic Research in Business and Social Sciences*, 13(14), 199-207. <http://dx.doi.org/10.6007/IJARBSS/v13-i14/18369>

Aishah, W., Zairul, M., Kozłowski, M., & Shukor, S. F. A. (2023). Social Housing and Psychological Issues Discussed in Literature: A Thematic Review. *International Journal of Academic Research in Business and Social Sciences*, 13(8), 1372 - 1389. <http://dx.doi.org/10.6007/IJARBSS/v13-i8/18224>

Hafizah, N., & Zairul, M. (2023). Examining Technology Adoption Trends in Studio-Based Learning. *International Journal of Academic Research in Business and Social Sciences*, 13(8), 618 - 642 <http://dx.doi.org/10.6007/IJARBSS/v13-i8/18084>

Fairus, M., & Zairul, M. (2023). Identifying Design Trends in Mass HousingDevelopment. *International Journal of Academic Research in Business and Social Sciences*, 13(8), 595 - 617. <http://dx.doi.org/10.6007/IJARBSS/v13-i8/18056>

MYCITE

Diana, I., Ismail, I. A., & Zairul, M. (2023). Cyber Risk among High School Students: A Thematic Review. *Malaysian Journal of Social Sciences and Humanities (MJSSH)*, 8(4), e002251. <https://doi.org/10.47405/mjssh.v8i4.2251>

SCOPUS & WOS

Ummihusna, A., & Zairul, M. (2022). Exploring immersive learning technology as learning tools in experiential learning for architecture design education. *Open House International*, <https://doi.org/10.1108/OHI-01-2022-0020>

Shahrudin, S., Zairul, M., Haron, A. T., & Fared, M. M. (2022). Performancebased identity in a BIM environment: an architect's perceptions and experiences. *Open House International*. <https://doi.org/10.1108/OHI-07-2021-0147>

ERA

Zairul, M., Ismail, I. A., Jamil, M. A. M., Azlan, A., Ismail, I. S., Ab Jalil, H., & Sharef, N. M. (2022). Smart Classroom Adoption in Higher Education: A Thematic Review. *International Journal of Academic Research in Business and Social Sciences*, 12(14). <https://doi.org/10.6007/IJARBSS/v12-i14/15825>

MYCITE

Zairul, M., Wong, Y. S., & Noor, M. P. M. (2022). A Conceptual Framework onRedefine Transit-Oriented Development Station to Improve Work-Life Balance Among Young Urbanites. *MAJ-Malaysia Architectural Journal*, 4(2), 10-16.

2022

GRANTS

Secured a grant for the Research Product Development initiative at Putra Science Park. Led the RFlowZ-SS Project titled "Cloud-Based Research FlowZ for Social Science," with a substantial allocation of RM94,000.00.

Feasibility of flexible affordable IBS housing for young starters in Malaysia for FRGS
File No :
FRGS/1/2017/SSI11/UPM/03/1-
Grants : RM 43,460.00

Value Engineering on affordable housing: A case study on terrace housing and container-based housing for IPM grant - IPM/2017
Grants : RM 26,800.00

S.O.L.E for architectural studio -
Grant GIPP
Grants : RM 12,000.00

Smart classroom ecosystem - MRUN
Grant
Grants : RM 497,000.00

Kajian lanjutan Indeks Kesejahteraan Anggota Koperasi
Grants : RM 95,000.00

CONSULTATION

EDITORIAL :

Chief Editor: Malaysian Architecture Journal (MAJ) - PAM

Editorial Advisory Board: Malaysian Construction Research Journal (MCRJ) - CREAM, CIDB

Editorial Board: International Journal of Architecture, Arts and Applications - UK

REVIEWER AND INVOLVEMENT IN JOURNALS:

External Reviewer: Journal of Housing (JOHO) - Springer

Reviewer: Journal for Construction in Developing Countries - USM

Reviewer: Jurnal Kejuruteraan - UKM

Reviewer: Journal of Design and Built Environment - UM

Reviewer: Pertanika- Social Sciences Study - UPM

Reviewer: Business Management Research Journal - UK

Reviewer: 2nd Malaysia University-Industry Green Building Collaboration Symposium, MU-IGBC 2018

2021

SCOPUS

Zairul, M. (2021). Opening the Pandora Box of Issues in the Industrialized Building System in Malaysia: A Thematic Review. *Journal of Applied Science and Engineering*, 25, 297–310. [https://doi.org/10.6180/jase.202204_25\(2\).0006](https://doi.org/10.6180/jase.202204_25(2).0006)

Mahat, N., Aziz, A. A., & Zairul, M. (2021). Pitching Strategies among Women Entrepreneurs from 2010-2020: A Thematic Review. *Hong Kong Journal of Social Sciences*, 57, 57–67.

Zairul, M. (2021). A thematic Review on Industrialised Building System (IBS) Publications from 2015-2019: Analysis of Patterns and Trends for Future Studies of IBS in Malaysia. *Pertanika Journal of Social Sciences and Humanities*, 29(1), 635–652. <https://doi.org/10.47836/p-jssh.29.1.35>

Zairul, M. (2021). Can member check be verified in real time? Introducing arc (asking, record, confirm) for member checking validation strategy in qualitative research. *Engineering Journal*, 25(1), 245–251. <https://doi.org/10.4186/ej.2021.25.1.245>

WOS

Ridzuan F., Wan Zainon W.M.N., Zairul M. (2022) A Thematic Review on Data Quality Challenges and Dimension in the Era of Big Data. In: Isa K. et al. (eds) *Proceedings of the 12th National Technical Seminar on Unmanned System Technology 2020*. Lecture Notes in Electrical Engineering, vol 770. Springer, Singapore. https://doi.org/10.1007/978-981-16-2406-3_56

Ummihusna, A., & Zairul, M. (2021). Investigating immersive learning technology intervention in architecture education: a systematic literature review. *Journal of Applied Research in Higher Education*. <https://doi.org/10.1108/JARHE-08-2020-0279>

Hazira, M. N., Alagas, E. N., Amin, M., Zamzuri, N. H., & Zairul, M. (2021). The best practice of marketing strategies for the Malaysian business event industry from experts' perspective. *Journal of Hospitality and Tourism Insights*. <https://doi.org/10.1108/JHTI-09-2020-0178>

2020

SCOPUS

Zairul, M. (2020). A THEMATIC REVIEW ON STUDENT-CENTRED LEARNING IN THE STUDIO EDUCATION. *Journal of Critical Reviews*, 7(2), 504–511. <https://doi.org/10.31838/jcr.07.02.95>

Shahrudin, S., & Zairul, M. (2020). BIM requirements across a construction project lifecycle: A PRISMA-compliant systematic review and meta-analysis. *International Journal of Innovation, Creativity and Change*, 12(5), 569–590.

WOS

S.Muthuveeran, A. A., Mohd Tahir, O., Ibrahim, R., & Mohd Noor, Zairul, M. (2020). Risk Management Challenges in Malaysia's Landscape Architecture Project. *Environment-Behaviour Proceedings Journal (E-BPJ)*, 5(14), 179–186. <https://doi.org/https://doi.org/10.21834/ebpj.v5i14.2162>

MYCITE

Zairul, M., Azli, M., Jamil, M., Azlan, A., & Ismail, I. S. (2019). Automation In IBS: The Readiness of Malaysians Towards the New Concept of Volumetric IBS. *Design + Built*, 1, 1–12

WOS-SCOPUS

Shahrudin, S., Zairul, M., & Haron, A. T. (2020). Redefining the territory and competency of architectural practitioners within a BIM-based environment: a systematic review. *Architectural Engineering and Design Management*, 0(0), 1–35. <https://doi.org/10.1080/17452007.2020.1768506>

Reviewer: International Journal of Sustainable Tropical Design Research and Practice

Reviewer: International Journal of Property Sciences (IJPS)

CONSULTANCY AND PROJECT INVOLVEMENT:

Interior Design for Putra Future Classroom | Faculty of Education, UPM - RM 200,000

Interior Design for Putra Future Classroom | Faculty of Computer Science - RM 200,000

Consultation on Blended Learning in Higher Education in Asia for UNESCO | USD 13,000

Enhancement of a Kenaf Composite Acoustic Ceiling Panel for Green Building | RM 600,000

Interior Design for the Office of the Minister of Education | RM 300,000

Interior Design and Landscape for the Faculty of Agriculture, UPM | RM 200,000

SPEAKERS

Keynote Speaker : Thematic analysis using ATLAS.ti in Korean Narrative Education Society Annual Conference 2023 Kyungpook National University, Korea

Speaker : How To Find Patterns and Trends On Cyber Issues Among Youth Using Atlas.ti 23 by National Youth Policy Institute, South Korea

Keynote Speaker : "Strategies for Integrated Coastal and Maritime Architecture Sustainability" in International Conference On Maritime Infrastructure and Development (ICMID) 2023, Kendari, Southwest Sulawesi, Indonesia

Speaker and Trainer: Training of Trainers for SOLE Methodology and ATLAS.ti 8 in Telkom University, Bandung, Indonesia

Keynote Speaker: Online Symposium "Finding New Directions for Architectural Education in the New Normal by Asosiasi Pendidikan Tinggi Arsitektur Indonesia

Kuala Lumpur Architecture Festival (KLAF) 2020 / 2022

Panelist: Program Changing Strategies for Future Practice, organized by Malaysia Productivity Corporation (2020)

2019 • Zairul, M. (2019). House Buyers Preferences among young Urbanites in Malaysia. Malaysia Architectural Journal. Vol 1. Issue 1, 33-40

Zairul, M. (2019). Exploring Circular Economy Concept in Affordable Housing Project: A Case Study on the Flexzhouse IBS Housing Business Model. Malaysia Architectural Journal. Vol 1. Issue 1, 21-32

SCOPUS

Zairul, M. (2019). Introducing ARC (ask, record and confirm) as the new validating technique in real-time. IOP Conference Series: Earth and Environmental Science, 385, 012010. <https://doi.org/10.1088/1755-1315/385/1/012010>

2018 • SCOPUS

Zairul, M. N. (2018). Introducing Studio Oriented Learning Environment (SOLE) in UPM Serdang: Accessing Student Centred Learning (SCL) in the architectural studio. International Journal of Architectural Research,

Zairul, M., Wamelink, J., Gruis, Heintz, & Mat, N. (2018). The circular economy approach in a flexible housing project: A proposal for affordable housing solution in Malaysia. International Journal of Engineering & Technology, 7(4.28), 287-293.
<http://dx.doi.org/10.14419/ijet.v7i4.28.22596>

2015 • ERA

Zairul, M. N. (2013). Housing Dilemma Among Young Starters in Malaysia. Elixir Online Journal, 58, 14923– 14926.

2011 • Zairul, M. N., & Ibrahim, R. (2011). Identifying Concurrent Engineering (CE) Elements for Mass Housing Industry. Journal of Advanced Manufacturing Technology, 5(1), 61-78.



CHAPTER IN BOOK PUBLICATIONS

2023 • Zairul, M. (2023). Building a Sustainable Future: A Circular Economy-Based Leasing Model for Affordable Housing in Malaysia, Evaluated by Life Cycle Assessment. In: Muthu, S.S. (eds) Life Cycle Assessment & Circular Economy. Environmental Footprints and Eco-design of Products and Processes. Springer, Cham. https://doi.org/10.1007/978-3-031-33982-0_4

2021 • Zairul, M. (2021). Ilustrasi Ringkas Analisa Tematik (AT) Menggunakan Perisian ATLAS.ti 8 (1st ed.). UPM Press. (KARYA ASLI)

Zairul, M. (2021). Circular economy in the built environment: A strategy for flexible housing through flexzhouse. An introduction to the circular economy (pp.421-435) Retrieved from www.scopus.com

2019 • WOS

Zairul, M.N (2019) flexZhhouse: Innovation in flexible housing for modern affordable housing solution in Malaysia. Publication for CRC Group, Taylor & Francis

Zairul, M.N (2019) Affordable housing and circular economy for middle income group (M40) in Malaysia: A case study on the flexZhhouse business model". Publication for CRC Group, Taylor & Francis

2017 • SCOPUS

Zairul M.N (2017). flexZhhouse: New business model for affordable housing in Malaysia. A+BE Architecture and the Built Environment, 7(2), 1–318. (Karya Asli)

International Conference and Expo on Infrastructure and Construction (2020)

Speaker: PAM cpdUNLIMITED 2019 International Engagements and

Speaker: Discussion on International Journal Making Plan & International Exhibition Curation, Telkom University, Bandung, Indonesia (2019)

1st Asian Architects in the ACADEME Assembly, Philippines University of Santo Thomas (2019)

Architectural Pedagogy Workshop, Jaipur Heritage Workshop Tour, Jaipur, India (2019)

SUPERVISION

GRADUATED PHD

Name : Muhammadu Kyari Habibullah
Thesis : Land use planning model for streamlining housing approval process for affordable quality housing by non-profit developers. | Main SV

Name : Annisa Ummihusna Abdul Ghani

Thesis : Exploring the use of immersive virtual realities (IVR) application in Malaysian architectural pedagogy. | Main SV

Name : Syafizal Syahrudin
The role of BIM in architectural education | Main SV

Name : Adam Arul | Dewan S. Muthuveeran
Thesis : Strategies integrating MS 31000:2010 risk management process into project lifecycle for Malaysia landscape project | Co SV

Name : Hazira Mohd Nasir
Developing an Event Management Marketing Model of MICE events among event stakeholders in Malaysia | Co SV

ON GOING PHD

Name : Alfetais | Aysha Mnea
Thesis : Utilizing inclusive design in interior design rules and regulations in supporting independence living of the elderly citizens in Saudi Arabia. | Main SV

Name : Wan Aishah
Community management in strata housing | Main SV

Name : Yekey Lim
Abandoned properties in Penang: A case study | Main SV



CONFERENCE

- 2021 • Zairul, M.N, Ismi Arif, Azli Jamil, Aznida Azlan (2021). Smart Classroom Adoption in Higher Education: A Thematic Review. 10th International Conference on University Learning and Teaching 2021
- 2019 • Zairul, M (2019). The Future of Architectural Education in Malaysia: Introducing a New Theory of Studiogy using SOLE module. Publication in the future of Architectural Education + Practice in Malaysia
- 2018 • Zairul, M. N. (2018). Student Centered Learning (SCL) in the architectural studio through SOLE approach. Issues in Higher Education (Volume 1)
Zairul, M.N. (2018). The circular economy approach in a flexible housing project: A proposal for affordable housing solutions in Malaysia. Asia International Multidisciplinary conference 2018
- 2017 • Zairul, M. N. (2017). Student Centered Learning (SCL) in the architectural studio through SOLE approach. Southeast Asia Higher Education Conference 2017
- 2015 • Zairul, M. N., & Geraedts, R. (2015). New Business Model of Flexible Housing and Circular Economy. Open Building International. ETH Zurich
Zairul, M. N. (2015). New Industrialized Housing Model for Young Starters in Malaysia: Identifying Problems for The Formulation of a New Business Model for the Housing Industry. In Asia-Pacific Network Housing Research Conference (pp. 291–298). Asia-Pacific Network Housing Research



OTHER PUBLICATIONS

- Pastikan hanya golongan paling layak jadi pemilik PPR- Berita Harian- Jun 2022
- Wujud dasar perumahan galak belia miliki kediaman- Berita Harian – April 2022
- Ambil Kira Faktor Bencana- Harian Metro- Februari 2022
- Perkongsian ekuiti tingkat daya tahan belia beli rumah- Berita Harian- Januari 2022
- Elemen kemanusiaan dalam senibina- WilayahKU - Julai 2020
- Kediaman sempit tambah stress penduduk- WilayahKU- Julai 2020
- Wujudkan ruang ketiga di Kawasan PPR/PA- WilayahKU- Disember 2020
- Cabaran buat Arkitek- Harian Metro – June 2020
- Ambil kira reka bentuk ekonomi, utility- Harian metro- Oktober 2017
- Rumah konsep kontena- Harian Metro- Julai 2017
- Simbolik rai keunikan kejuruteraan, mekanikal- Harian Metro – November 2018
- Banyak rumah mampu tengok- Harian Metro- October 2018
- Konkrit Pra-tuang antara system popular- Harian Metro- November 2018
- Kota Merah Jambu- Harian Metro- Oktober 2019
- Dilema Kediaman Mampu Milik- Impiana magazine_March 2015
- Misi Zack-Tonjolkan hiasan dalaman berkonsepkan Islam sesuai senibina tempatan- Berita Harian- Oktober 2010



STUDENT ADVISORY / ACTIVITY

Served as an Advisor and achieved 1st prize in the Magical Arts competition in 2019.

Served as an advisor for the 32nd Malaysian Architectural Workshop from 2019 to 2020.

GRADUATED MASTER | MAIN SV

Name : Nur Aini Syafawani Umar
Thesis : Proposed Marine Centre in Kuala Terengganu

Name : Nurul Hajar Abd Rahman
Thesis : Proposed Central Library in Kuala Lumpur

Name : Jerome Wong
Thesis : Proposed Activist centre, Bukit Bintang, KL

Name : Lim Yekey
Thesis : Proposed cultural centre in Penang

Name : Zaid
Thesis : Proposed innovation centre in Cyberjaya

Name : Tong Kee Sheng
Thesis : Proposed bikers centre for mat rempit

Name : Wong Yoon Sheng
Thesis : Redefine Transit Oriented Development (TOD) to improve work life balance among young urbanites

Name : Koh Ting Xian
Thesis : Revitalizing Fishing Culture and Tradition of the Kristang Community through Floating

Name : Tee Soon Hin
Thesis : Redefining sheltering approaches to create a better living for homeless animal

Name : Edward Codiatu
Thesis : Spatial Qualities for Public Spaces to improve autism participation and raise social acceptance towards autistic individuals

Name : Ning Jia Cheng
Thesis : The qualities of third places enhance the social interaction in secondary school

Name : Wee Keng Ean
Thesis : New learning environments and Learning Ecosystem in school to improve learning quality based on pedagogy, in Malaysia

Name : Chong Yem Heng
Thesis : Determining the elements of a waste management facility to improve relationship between the people and waste.

Name : Chua En Hui
Thesis : Beyond the Wall: The Needs of Aftercare Home for Reformed Juvenile in Malaysia

Name : Dayando Jivinsol Moosom
Thesis : Reintroduce Waste Management Facilities in design of Urbanscapes



LEADERSHIP POSTS

Appointed as Felo Bersekutu Pusat Pembangunan Dan Kecemerlangan Kepimpinan Akademik (CAdE-Lead) Universiti Putra Malaysia from 15 Ogos 2023 to 30 November 2024

Appointed as Guest Lecturer at Universiti Sumatera Utara, Medan for 'World Class University' program

Served as a Fellow of the Sustainable Campus Program (PSPK) at Universiti, providing professional services.

Held the position of Chairman of the Campus Outlook Committee at Universiti.

Acted as the Deputy Chairman of the Main Committee for Green Campus Sustainability at Universiti.

Assumed the role of Lab Chief at the Cyber Generation Lab, IPSAS, Universiti.

Contributed as a member of the Think Tank Committee at the Institute of Social Science Studies (IPSAS), Universiti.

Participated as a member of the Laboratory/Studio Infrastructure Committee within the department.

Took on the role of Program Coordinator for the 32nd Architectural Student Workshop within the department.

Served as a member of the Course Development Committee for MOOC Malaysia at Universiti.

Participated as a member of the interview committee for the Special Industrial Revolution 4.0 Program for Education Service Officers in 2019 at Universiti.

Contributed as a member of the organizing committee for the Putra Innocreative Carnival in Teaching at Universiti.

Worked as a member of the Innovation in Teaching and Learning Committee at UPM Universiti.

Involved in the establishment of the Master's Program in Building Technology as a committee member in the Faculty.

Contributed as a committee member for the development of the Future Studio and Makerspace in the Faculty.

Held the role of Coordinator for the Future Studio within the Faculty.

Participated as a member of the Idea Factory Committee within the Faculty.

Served as a member of the Laboratory/Studio Infrastructure Committee within the department.

Took on the role of Program Coordinator for the 32nd Architectural Student Workshop within the department.



IP & COMMERCIALIZATION

Research FlowZ

Description: A systematic approach outlining how to conduct research.

LRZ Template

Description: Provides a systematic framework for executing a Literature Review.

TreZ Methodology

Description: Step-by-step guide on how to publish Technical Reports (TR).

ARC Method

Description: Outlines the procedure for conducting a focus group.

S.O.L.E Methodology

Description: Introduces a new and innovative studio teaching approach.

ARSPACE-Web Based AR

Description: A web-based Augmented Reality (AR) platform designed for furniture suppliers.

Name : Koh Yen Ru
Thesis : Redefine Cityscape of
Malaysia by Introducing Airport into
Urban Areas

Name : Wong Jian Ting
Thesis : Interactive Public Space:
Social Integration in City Center of
Kuala Lumpur

Name : Tan Kok Poh
Thesis : Improve social interaction of
the elderly in public housing

Name : Nuraina Najwa binti Saiful
Amry
Thesis : Recovering Construction
Industry: Incorporate Circular Waste
Management Towards Lower
Construction Waste

Name : Yim Fong Yee
Thesis : Intergrate upcycling paddy
waste as alternative building material
for sustainable community based
architecture

Name : Aminath Mayzoona
Thesis : Exploring on transit living
spaces for fishermen in Kuantan to
enrich their livelihood

Name : Kok Hui Yen
Thesis : Exploration of Safe Space for
Traumatic Urban Youths Amidst
Urban Growth

Name : Deepankursingh
Thesis : GOWD Investigating how
filmmakers and local community can
engage to revive the film culture
Youth Community

Name : Nurul Amirah Marzuki
Thesis : Therapeutic relationship of
resilient and Playscape architecture :
A Suicide intervention Within
Sarawak Youth Community



INDUSTRIAL EXPERIENCE

Proposed the construction and completion of 250 units terrace houses in Mukim Tebrau, Johor Bahru, for Tetuan Plenitude Holdings Sdn Bhd, with a project value of RM 25 million. Served as the project architect.

Proposed the construction and completion of a Single-storey Bungalow at Ledang Heights for Nusajaya Holdings, with a project value of RM 2.5 million. Acted as the project architect.

Proposed the construction and completion of Interior Design for the Marketing Office in Nusajaya Heights for Nusajaya Land, with a project value of RM 12 million. Served as the project architect.

Proposed the construction and completion of 1088 units mixed development service apartments in Taman Desa Tebrau for Tetuan Plenitude Holdings Sdn Bhd, with a project value of RM 120 million. Acted as the project architect.

Proposed the construction and completion of 150 units terrace houses in Taman Austin, Johor Bahru, for Tetuan IOI Properties, with a project value of RM 65 million. Served as the project architect.



INDUSTRY ADVISORY COMMITTEES

Acted as a Subject Matter Expert for the development of the Framework on Prefabricated Volumetric Module (PVM) under CIDB (Construction Industry Development Board) in 2021.

Served as a member of the Industry Advisory Committee for Kolej Komuniti Jempol in 2021.

Participated as a panelist in the Program Changing Strategies for Future Practice organized by the Malaysia Productivity Corporation (MPC) in 2020.

Shared expertise on effective online learning for design pedagogy through SOLE methodology at the CADe Online event in 2020.

Contributed as a Subject Matter Expert in the study of the formulation of the Akta Pemajuan Komersial for USIM, conducted in KPKT, Putrajaya, in 2020.

Engaged in the Projek DANA R&D with MOSTI - Tunas Arif Sdn Bhd in Putrajaya in 2020.

Delivered a lecture on "The New Normal for PG Students" at UiTM Shah Alam, presented online in 2020.

Presented insights on "The Adaptation of Circular Economy into a New Business Model of Flexible Housing" at the PAM Online event in 2020.

Engaged in the Industry Advisory Committee for Kolej Komuniti Sabak Bernam in 2019.

Contributed to the improvement of contractor question module in a workshop conducted by CIDB's Unit Latihan, multiple times in 2017.

Shared expertise in a workshop on "Sustainable and Innovative Design Construction for Affordable and Livable Homes" organized by CREAM, CIDB, held at The Royale Chulan Hotel in April 2017.

Delivered a lecture on career programs at SMKA Segamat in 2017.

Engaged in a program focused on improving socio-cultural aspects in the local community of Flat Larkin, Johor Bahru, organized by the Residents' Association of Flat Larkin in 2019.



ASSOC PROF. TS. DR MOHD ZAIRUL BIN MOHD NOOR



PROFESSIONAL SUMMARY

Dedicated and innovative, I am a scholar and academic leader with a rich tapestry of experiences in the realms of architecture, real estate, and academic leadership. My journey is marked by a commitment to diversity, equity, inclusion, and belonging, both in academia and beyond.

As a seasoned educator, I have not only imparted knowledge in Architectural Design Studio, Architecture dissertation, and Research Methodology in Design but has also fostered an inclusive environment through mentoring and community outreach. My teaching philosophy revolves around affirming diverse viewpoints, ensuring a vibrant and respectful exchange of ideas within the academic community.

Beyond the classroom, My leadership extends to various academic positions, including my roles as Adjunct Professor at CITI University in Ulanbaataar, Mongolia, and Visiting Scholar at Universitas Sumatera Utara. Notably, as Lab Chief at the Cyber Generation Lab, Institute for Social Science Studies, Universiti Putra Malaysia, he has actively championed diversity and inclusion in scientific exploration.

My research endeavors have been diverse, delving into housing design, circular economy, and technology adoption trends in studio-based learning. Through extensive publications in various journals, I have contributed significantly to the discourse on topics ranging from housing interior design to the potential of industry 4.0 revolution in architecture.

In the realm of professional networking and leadership, I have supervised research projects, navigated industrial experiences, and played a pivotal role in the commercialization of innovative products for research and teaching. My commitment to student activities shines through my role as an advisor for competitions and architectural workshops, emphasizing the holistic development of future architects.

In summary, my Curriculum Vitae is not just a document; it's a narrative of an academic journey infused with a passion for diversity, equity, and inclusion. My vision extends beyond current contributions, paving the way for a future where academia is truly inclusive and every voice finds resonance.

CONTACT

Office :

Tel: 03 8946 8043

Fax: 03 8946 4004

Mobile :

+6016 719 8019

Email :

m_zairul@upm.edu.my

drzackzairul@gmail.com

Web :

www.drzackzairul.com.my

Faculty :

Department of Architecture,
Faculty of Design and Architecture,
Universiti Putra Malaysia,
43400 Serdang, Selangor.

Administration Post :

Cyber Generation Lab
Institut Pengajian Sains Sosial (IPSAS),
Universiti Putra Malaysia, 43400
Serdang, Selangor