

DR. AZHANI BINTI ABD. MANAF

PENSYARAH UNIVERSITI DS13

CONTACT

PHONE

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E-MAIL

azhani@usim.edu.my

FACULTY

Fakulti Kejuruteraan Dan Alam Bina

SUPERVISION

	COMPLETED	ONGOING
PhD	0	1
Master	0	2

AREAS OF EXPERTISE

- Architectural Influences (including Vernacular Architecture, Islamic Architecture And Malaysian Architecture)
- Psychology And Behaviour In Architecture (including Ageing Culture And Housing, Child-friendly Architecture, Architecture Rituals, , Architecture And Social Interaction, Architecture And Social Interaction, Psychology In Architecture, Architecture And Wel
- Architectural Education And Extension (including Architecture Education, Architecture Pedagogy, Design Studio Pedagogy, Making, Crafting, And Learning)

ACADEMIC QUALIFICATION

2019 **PhD** - Housing From Islamic Perspective, Privacy And Behaviour, Mal

2010 **Master** - Senibina

2008 **Bachelor** - Architecture Design

RESEARCH

1. KERANGKA PENILAIAN REKA BENTUK SENI BINA ISLAM: INTEGRASI KOD JAWI DAN KERANGKA INAQ DALAM SENI BINA KONTEMPORARI

2025 | BIDUNI MIZANNIYAH | ON GOING | CO-RESEARCHER

2. FORMULASI RANGKA KERJA BAGI MENGHASILKAN 'VALUE-INFUSED FUTURE PROOF TALENTS' DALAM PENDIDIKAN SENI BINA KE ARAH PEMBANGUNAN MAMPAN BERDASARKAN MAQASID SYARIAH

2025 | GERAN KPT | ON GOING | CO-RESEARCHER

3. DEVELOPMENT OF ALLEYS BRANDING AND WAYFINDING FRAMEWORK FOR ALLEYS COGNIZANCE AND COMMUNITY SAFETY

2023 | GERAN PENYELIDIKAN USIM | ON GOING | CO-RESEARCHER

4. RE-ENGINEERING OF DOCUMENTING COLONIAL BUILDINGS IN NEGERI SEMBILAN, MALAYSIA

2022 | GERAN PENYELIDIKAN USIM | ON GOING | CO-RESEARCHER

5. ENHANCING SPATIAL QUALITY AND LAYOUT DESIGN OF LOW-COST VERTICAL HOUSING IN MALAYSIA BASED ON SHARIAH COMPLIANCY AND ISLAMIC BUILDING PRINCIPLES

2021 | GERAN PENYELIDIKAN USIM | COMPLETED | MAIN RESEARCHER

RESEARCH

6. SOLAR GREEN FACADE AND IOT - BASED SYSTEM FOR INDOOR AIR QUALITY TOWARDS A SUSTAINABLE LIFE OF 'SAKINAH'

2021 | GERAN PENYELIDIKAN FLAGSHIP | ON GOING | CO-RESEARCHER

PUBLICATION

1. CHALLENGES IN ADAPTING VERNACULAR ARCHITECTURE TO THE CONTEMPORARY: A SYSTEMATIC LITERATURE REVIEW

SEMARAK INTERNATIONAL JOURNAL OF DESIGN, BUILT ENVIRONMENT AND SUSTAINABILITY

2025 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

2. DEFECTS AND DILAPIDATION OF BRITISH COLONIAL BUILDINGS IN NEGERI SEMBILAN, MALAYSIA

MALAYSIAN JOURNAL OF SUSTAINABLE ENVIRONMENT (MYSE)

2025 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

3. ANALYSIS ON SPATIAL QUALITY ISSUES ON B40 FAMILIES LIVING IN LOW QUALITY VERTICAL HOUSING IN MALAYSIA

INTERNATIONAL ARCHITECTURE POSTGRADUATE CONFERENCE 2023

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

4. VISUAL PRIVACY FACTORS INFLUENCING USAGE OF SPACES FOR URBAN HOUSING

13TH ASIAN CONFERENCE ON ENVIRONMENT-BEHAVIOUR STUDIES

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

5. GREEN SPACES DESIGN IN UNIVERSITY CAMPUS: LANDSCAPE PRACTICE FOR SUSTAINABILITY AND ENHANCING STUDENTS? SOCIAL INTERACTION

2025 INTERNATIONAL CONFERENCE ON SCIENCE, BUILT ENVIRONMENT AND ENGINEERING

2025 | PROCEEDING | NON-INDEX | CO-AUTHOR

6. KECERDASAN BUATAN (AI) DALAM PENDIDIKAN SENI BINA: REFLEKSI PELAJAR TERHADAP PROSES REKA BENTUK

SMART TECHNOLOGY AND SUSTAINABILITY INTERNATIONAL CONFERENCE 2025 (STSIC 2025)

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

7. INCREASING ALLEY COGNIZANCE TO IMPROVE COMMUNITY SAFETY IN KUALA LUMPUR: A CRITICAL STUDY OF REVITALISED URBAN ALLEY

INTERNATIONAL CONFERENCE ON SCIENCE, BUILT ENVIRONMENT AND ENGINEERING

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

8. GREEN WALL FACADE AND IOT-BASED SYSTEM FOR OPTIMAL INDOOR ENVIRONMENT OF SAKINAH IN LIVING

025 INTERNATIONAL CONFERENCE ON SCIENCE, BUILT ENVIRONMENT AND ENGINEERING

2025 | PROCEEDING | OTHER DATABASE | MAIN AUTHOR

PUBLICATION

9. EVALUATING SENSORY DESIGN ON AUTISTICS? LEARNING EXPERIENCES: A PILOT STUDY IN MALAYSIAN CAMPUSES

INTERNATIONAL SEMINAR ON ISLAM AND SCIENCE (SAIS 2025)

2025 PROCEEDING OTHER DATABASE MAIN AUTHOR

10. PENERAPAN INAQ DAN MAQASID SYARIAH DALAM SENI BINA MASJID JAMEK BANDARAYA SEREMBAN, NEGERI SEMBILAN

SENI BINA & ALAM BINA: DIMENSI KEINSANAN DAN KEROHANIAN

2025 CHAPTER IN BOOK CO-AUTHOR

11. KRONOLOGI PEMBENTUKAN LORONG-LORONG PUSAT BANDAR KUALA LUMPUR MENGIKUT LEMBARAN SEJARAH

SENI BINA & ALAM BINA: DIMENSI KEINSANAN DAN KEROHANIAN

2025 CHAPTER IN BOOK CO-AUTHOR

12. LORONG TANPA NAMA: IDENTITI DAN RASA KEMILIKAN TEMPAT

SENI BINA & ALAM BINA: DIMENSI KEINSANAN DAN KEROHANIAN

2025 CHAPTER IN BOOK CO-AUTHOR

13. REJUVENASI LORONG SEBAGAI RUANG 'POKET BANDAR' DI PUSAT BANDAR KUALA LUMPUR

SENI BINA & ALAM BINA: DIMENSI KEINSANAN DAN KEROHANIAN

2025 CHAPTER IN BOOK CO-AUTHOR

14. PENCAHAYAAN DAN HARMONI DALAM SENIBINA

SENIBINA DAN ALAMBINA, DIMENSI KEINSANAN DAN KEROHANIAN

2025 CHAPTER IN BOOK CO-AUTHOR

15. FAKTOR PEMBENTUKAN KEBITARAAN RUMAH WARISAN MELAYU

SENI BINA & ALAM BINA: DIMENSI KEINSANAN DAN KEROHANIAN

2025 CHAPTER IN BOOK CO-AUTHOR

16. ELEMEN PRIVASI DAN VISUAL DALAM REKABENTUK PERUMAHAN TERES DI MALAYSIA DARI PERSPEKTIF ISLAM

SENIBINA DAN ALAMBINA, DIMENSI KEINSANAN DAN KEROHANIAN

2025 CHAPTER IN BOOK MAIN AUTHOR

17. LAM POLICY AND PROCEDURES FOR ACCREDITATION OF ARCHITECTURAL PROGRAMME

2025 POLICY

18. MAPPING THE DISCOURSE: SCIENTOMETRIC ANALYSIS OF AFFORDABLE HOUSING RESEARCH TRENDS

JOURNAL OF CONTEMPORARY URBAN AFFAIRS

2024 JOURNAL OTHER DATABASE CO-AUTHOR

19. INVESTIGATING THE VISUAL PRIVACY OF HOUSE LAYOUTS IN NEGERI SEMBILAN TRADITIONAL MALAY HOUSES

MALAYSIAN JOURNAL OF SUSTAINABLE ENVIRONMENT

2023 JOURNAL OTHER DATABASE CO-AUTHOR

PUBLICATION

20. INTEGRATION OF ISLAMIC BUILDING PRINCIPLES TO IMPROVE SPATIAL QUALITY OF LOW-COST VERTICAL HOUSING IN KUALA LUMPUR

SAIS 2023

2023 | PROCEEDING | NON-INDEX | MAIN AUTHOR

21. A PILOT STUDY OF PRIVACY HIERARCHY OF LEARNING SPACES FOR PROPOSED STUDENT CENTRE IN USIM

EMPOWERING THE BUILT ENVIRONMENT - A MULTIDISCIPLINARY APPROACH

2023 | CHAPTER IN BOOK | MAIN AUTHOR

22. "LEMBAGA ARKITEK MALAYSIA (LAM) POLICY AND PROCEDURES FOR ARCREDITATION OF ARCHITECTURE PROGRAMME" (PAAP)

2023 | POLICY

23. FACTORS INFLUENCING THE VISIT TO THE COURTYARD GARDENS IN PUBLIC HOSPITALS IN MALAYSIA

ASIAN JOURNAL OF ENVIRONMENT-BEHAVIOUR STUDIES (AJE-BS)

2022 | JOURNAL | ERA | CO-AUTHOR

24. STRATEGIES IN IMPROVING THE BUILDING EFFICIENCY AND DAYLIGHTING: A CASE STUDY OF GREEN BUILDING

PLANNING MALAYSIA: JOURNAL OF THE MALAYSIAN INSTITUTE OF PLANNERS

2022 | JOURNAL | OTHER DATABASE | CO-AUTHOR

25. RESILLIENT LIVING BY OPTIMIZING THE BUILDING FA&#65533;ADE IN DESIGNING POST-COVID HOUSING

PLANNING MALAYSIA JOURNAL

2022 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

26. AN ANALYSIS OF VISUAL PRIVACY FROM ISLAMIC PERSPECTIVE OF MODERN TERRACE HOUSING DESIGN IN MALAYSIA

SEMINAR ANTARABANGSA SAINS DAN ISLAM 2022

2022 | PROCEEDING | NON-INDEX | MAIN AUTHOR

27. THE ROLE OF PRIVACY REGULATION MECHANISMS FOR MALAY FAMILIES LIVING IN TERRACE HOUSING TOWARDS OBTAINING OPTIMUM MUSLIM VISUAL PRIVACY (MVP)

ACADEMY OF ENTREPRENEURSHIP JOURNAL

2021 | JOURNAL | ERA | MAIN AUTHOR / CONTACT PERSON IN USIM

28. A PILOT STUDY ON THE INTEGRATION OF ISLAMIC BUILDING PRINCIPLES IN THE DESIGN OF STUDENT-CENTERED CAMPUS BUILDING

SEMINAR ANTARABANGSA ISLAM DAN SAINS 2021

2021 | PROCEEDING | NON-INDEX | MAIN AUTHOR

29. A REVIEW ON CASE STUDIES OF OFFICE BUILDING FACADES IN MALAYSIA BASED ON MAQASID SYARIAH

SEMINAR ANTARABANGSA ISLAM DAN SAINS 2021

2021 | PROCEEDING | NON-INDEX | CO-AUTHOR

PUBLICATION

30. FACTORS AFFECTING THE VISITATION AND NON-VISITATION TO THE COURTYARD GARDENS: EVALUATION AT THREE MALAYSIAN PUBLIC HOSPITALS

5TH ABRA INTERNATIONAL CONFERENCE ON QUALITY OF LIFE (AQOL2021LANGKAWIISLAND)

2021 PROCEEDING NON-INDEX CO-AUTHOR

31. ADVANCES IN SUSTAINABLE LIVING IN THE BUILT ENVIRONMENT

2021 BOOK EDITOR

32. THE USE OF SPACE SYNTAX ANALYSIS IN THE STUDY OF MUSLIM VISUAL PRIVACY (MVP) OF TERRACE HOUSING

ADVANCES IN SUSTAINABLE LIVING

2021 CHAPTER IN BOOK MAIN AUTHOR

33. A RELOOK AT VISUAL PRIVACY: DEFINITION AND FACTORS INFLUENCING MUSLIM VISUAL PRIVACY (MVP)

PERTANIKA JOURNAL OF SOCIAL SCIENCES & HUMANITIES

2019 JOURNAL ISI, SCOPUS AND ERA MAIN AUTHOR

34. TOWARDS AN ISLAMIC APPLICATION OF VISUAL PRIVACY PRINCIPLES ON MALAYSIAN TERRACE HOUSING: A CONCEPTUAL FRAMEWORK

PLANNING MALAYSIA

2018 JOURNAL SCOPUS MAIN AUTHOR

35. REVOLUTIONIZING MALAYSIAN TERRACE HOUSING DESIGN BY ADOPTING ISLAMIC VISUAL PRIVACY PRINCIPLES: A PILOT STUDY ON MALAY OCCUPANTS

HOUSE AND HOME 17 - INTERNATIONAL INTERDISCIPLINARY ARCHITECTURE AND URBAN STUDIES CONFERENCE

2017 PROCEEDING NON-INDEX MAIN AUTHOR

36. AN ANALYSIS ON MUSLIM VISUAL PRIVACY (MVP) IN TERRACE HOUSING DESIGN IN MALAYSIA

INTERNATIONAL JOINT CONFERENCE SENVAR-INTA-AVAN 2015: WISDOM OF THE TROPICS PAST, PRESENT & FUTURE

2015 PROCEEDING NON-INDEX MAIN AUTHOR

CONSULTATION

1. PERKHIDMATAN KONSULTANSI MEMBANGUNKAN PROGRAM SARJANA MUDA SENIBINA DENGAN KEPUJIAN KOLEJ UNIVERSITI YAYASAN SABAH (UCSF)

KOLEJ UNIVERSITI YAYASAN SABAH (UCSF)

2024 INTERNATIONAL

2. Perkhidmatan Konsultansi Membangunkan Program Sarjana Muda Senibina Dengan Kepujian Kolej Universiti Yayasan Sabah (UCSF)

Kolej Universiti Yayasan Sabah (UCSF)

National

AWARDS/RECOGNITION

1. JOURNAL PEER REVIEWER (PEWASIT ARTIKEL JURNAL)

JOURNAL OF DESIGN AND BUILT ENVIRONMENT

2025 INTERNATIONAL

2. CHALLENGES IN ADAPTING VERNACULAR ARCHITECTURE TO THE CONTEMPORARY: A SYSTEMATIC LITERATURE REVIEW

Semarak International Research Innovation Symposium IV (SIRIS IV)

2025 ANTARABANGSA SILVER

3. MODSOLARIS: MODULAR SOLAR ECO OASIS ABODE FOR CLIMATE RESILIENT COMMUNITIES

International Innovation and Invention Competition Through Exhibition 2025 (iCompEx 2025)

2025 ANTARABANGSA GOLD

4. MODSOLARIS: MODULAR SOLAR ECO OASIS ABODE FOR CLIMATE RESILIENT COMMUNITIES (BEST INNOVATION)

International Innovation and Invention Competition Through Exhibition 2025 (iCompEx 2025)

2025 ANTARABANGSA

5. MODSOLARIS: MODULAR SOLAR ECO OASIS ABODE FOR CLIMATE RESILIENT COMMUNITIES

International Innovation and Invention Competition Through Exhibition 2025 (iCompEx 2025)

2025 ANTARABANGSA PLATINUM

6. ARTISTRY HUB: A SELF-LEARNING MOBILE PLATFORM FOR ON-THE-GO SKETCHING, DRAWING AND PAINTING

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA GOLD

7. NUSA HARAPAN: A HERITAGE-DRIVEN INNOVATION CENTRE FOR RENEWAL AND HOPE IN PETALING STREET, KUALA LUMPUR

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA GOLD

8. ECOWEAVE: GREEN INNOVATION HUB FOR HOMELESS SHELTER AND COMMUNITY SUSTAINABILITY IN PETALING STREET, KUALA LUMPUR

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA GOLD

9. TAUT: AN INCLUSIVE REHABILITATION AND COMMUNITY BRIDGE CENTRE FOR THE HOMELESS IN PETALING STREET, KUALA LUMPUR

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA SILVER

10. COHOME: EMPOWERMENT THROUGH MARKETPLACE-LIVING FOR THE HOMELESS IN PETALING STREET, KUALA LUMPUR

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA BRONZE

AWARDS/RECOGNITION

11. KECERDASAN BUATAN (AI) DALAM PENDIDIKAN SENI BINA: REFLEKSI PELAJAR TERHADAP PROSES REKA BENTUK

SMART TECHNOLOGY & SUSTAINABILITY INTERNATIONAL CONFERENCE

2025 ANTARABANGSA SILVER

12. GOLD MEDAL AWARD FOR ICOMPEX 2024 FOR INNOVATION 'INDOOR COMFORT ENVIRONMENT ICE BOX'

2024 INTERNATIONAL

13. GOLD AWARD FOR INNOVATION 'ARTISTRY HUB: MOBILE APPS TO ENHANCE LEARNING EXPERIENCE IN SKETCHING, DRAWING AND PAINTING' IN INOVASI FKP 2024

2024 UNIVERSITY

14. SILVER MEDAL AWARD FOR INNOVATION 'MODEL PENGAJARAN DAN PEMBELAJARAN REKABENTUK SENIBINA BERASASKAN INAQ' IN INOVASI FKP 2024

2024 UNIVERSITY

15. ANUGERAH PERKHIDMATAN CEMERLANG

2024 UNIVERSITY

16. ARTISTRY HUB: MOBILE APPS TO ENHANCE LEARNING EXPERIENCE IN SKETCHING, DRAWING AND PAINTING

Pertandingan Inovasi FKP 2024

2024 UNIVERSITI GOLD

17. ARTISTRY HUB: MOBILE APPS TO ENHANCE LEARNING EXPERIENCE IN GRAPHIC AND MULTIMEDIA PRESENTATION

Pertandingan Inovasi FKP 2024

2024 UNIVERSITI GOLD

18. ICE BOX

ICOMPEX 2024- international innovation and invention through exhibition 2024

2024 ANTARABANGSA GOLD

19. INDOOR COMFORT ENVIRONMENT ICE BOX

ICOMPEX 2024- international innovation and invention through exhibition 2024

2024 ANTARABANGSA CERTIFICATE OF APPRECIATION

20. INDOOR COMFORT ENVIRONMENT ICE BOX (BEST INNOVATION AWARD)

ICOMPEX 2024- international innovation and invention through exhibition 2024

2024 ANTARABANGSA

21. SILVER AWARD IN 3RD INNOVATION BANK CHALLENGE (IBC) 2023

2023 UNIVERSITY

22. ITEX 2023 BEST INVENTION AWARD - UNIVERSITIES AND EDUCATIONAL INSTITUTION FOR ICE BOX

2023 INTERNATIONAL

AWARDS/RECOGNITION

23. ITEX 2023 GOLD AWARD FOR ICE BOX

2023 INTERNATIONAL

24. ICE BOX (INDOOR, COMFORT, ENVIRONMENT)

34th INTERNATIONAL INVENTION & TECHNOLOGY EXHIBITION MALAYSIA (ITEX2023)

2023 ANTARABANGSA GOLD

25. AWARD FOR HONORARY MENTION - INTERNATIONAL STUDENT COMPETITION IN ARCHITECTURAL DESIGN AND CONSTRUCTION OF BAMBOO 2022

2022 NATIONAL

26. STAFF CONTOH BULANAN FKAB 2022

2022 UNIVERSITY

27. THE VIRTUAL EXHIBITION COMPETITION

2021 BAMBOO COMPETITION INSPIRED BY TRADITION

2021 KEBANGSAAN GOLD