



## DR. AZHANI BINTI ABD. MANAF

PENSYARAH UNIVERSITI DS13

### CONTACT

**Phone:** -

**E-mail:**

azhani@usim.edu.my

**Faculty:** Fakulti

Kejuruteraan Dan Alam

Bina

### SUPERVISION

PhD - Completed: 0, Ongoing: 1

Master - Completed: 0,  
Ongoing: 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

PhD in Housing From Islamic Perspective, Privacy And Behaviour, Mal (2019)

Master in Senibina (2010)

Bachelor in Architecture Design (2008)

### 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

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## 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

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## 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. 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

## 7. 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

## 8. LORONG TANPA NAMA: IDENTITI DAN RASA KEMILIKAN TEMPAT

SENI BINA & ALAM BINA: DIMENSI KEINSANAN DAN KEROHANIAN

2025 CHAPTER IN BOOK CO-AUTHOR

## 9. 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

## 10. PENCAHAYAAN DAN HARMONI DALAM SENIBINA

SENIBINA DAN ALAMBINA, DIMENSI KEINSANAN DAN KEROHANIAN

2025 CHAPTER IN BOOK CO-AUTHOR

## 11. FAKTOR PEMBENTUKAN KEBITARAAN RUMAH WARISAN MELAYU

SENI BINA & ALAM BINA: DIMENSI KEINSANAN DAN KEROHANIAN

2025 CHAPTER IN BOOK CO-AUTHOR

## 12. 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

## 13. LAM POLICY AND PROCEDURES FOR ACCREDITATION OF ARCHITECTURAL PROGRAMME

2025 POLICY

# PUBLICATION

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

JOURNAL OF CONTEMPORARY URBAN AFFAIRS

2024 JOURNAL OTHER DATABASE CO-AUTHOR

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

MALAYSIAN JOURNAL OF SUSTAINABLE ENVIRONMENT

2023 JOURNAL OTHER DATABASE CO-AUTHOR

## 16. 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

## 17. 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

## 18. "LEMBAGA ARKITEK MALAYSIA (LAM) POLICY AND PROCEDURES FOR ARCCREDITATION OF ARCHITECTURE PROGRAMME" (PAAP)

2023 POLICY

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

ASIAN JOURNAL OF ENVIRONMENT-BEHAVIOUR STUDIES (AJE-B5)

2022 JOURNAL ERA CO-AUTHOR

## 20. 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

## 21. RESILIENT LIVING BY OPTIMIZING THE BUILDING FACADE IN DESIGNING POST-COVID HOUSING

PLANNING MALAYSIA JOURNAL

2022 JOURNAL OTHER DATABASE MAIN AUTHOR

## 22. 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

## 23. 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

## 24. 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

## 25. 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

## 26. 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

# PUBLICATION

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## 27. ADVANCES IN SUSTAINABLE LIVING IN THE BUILT ENVIRONMENT

2021 BOOK EDITOR

## 28. 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

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

PERTANIKAJOURNAL OF SOCIAL SCIENCES & HUMANITIES

2019 JOURNAL ISI, SCOPUS AND ERA MAIN AUTHOR

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

PLANNING MALAYSIA

2018 JOURNAL SCOPUS MAIN AUTHOR

## 31. 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

## 32. 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

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

KOLEJ UNIVERSITI YAYASAN SABAH (UCSF)

2024

INTERNATIONAL

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

Kolej Universiti Yayasan Sabah (UCSF)



National

# AWARDS/RECOGNITION

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## 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

## 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



# AWARDS/RECOGNITION

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## 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

## 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