

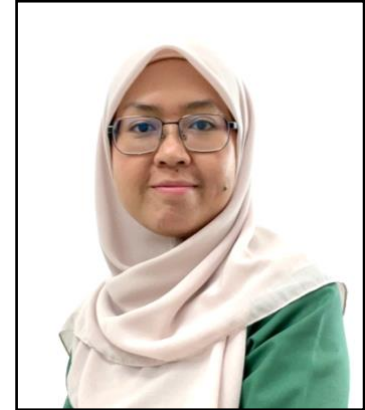
## NURUL AMIRA ABD JALIL (Ts. Dr.)

### Lecturer

Studies of Architecture,  
School of Architecture and Interior Architecture,  
College of Built Environment,  
Universiti Teknologi MARA, Puncak Alam Campus,  
42300 Bandar Puncak Alam,  
Selangor Darul Ehsan, Malaysia.

Research Interest Group: Tropical Building Performance Research Group (TroB-P)  
Research Nexus UiTM (ReNeU): Energy & Environment (EE)

+6019-272 6223  
amirajalil@uitm.edu.my



### Areas of Expertise

Acoustics, Architectural Acoustics, Green Building, Sustainable Design, Indoor Environment, Simulation

[https://www.researchgate.net/profile/Nurul\\_Amira\\_Abd\\_Jalil](https://www.researchgate.net/profile/Nurul_Amira_Abd_Jalil)  
<https://scholar.google.com.my/citations?user=TC3X3c0AAAAJ&hl=en>  
<https://www.scopus.com/authid/detail.uri?authorId=58560179100>

### Personal Information

Nurul Amira Abd Jalil  
355904  
Studies of Architecture, School of Architecture and Interior Architecture

### Academic Qualifications

PhD (Architecture Design: Sustainable Design), 2018, University of Malaya (UM).  
B Arch (Hons) (LAM Part II), 2010, International Islamic University Malaysia (IIUM).  
BSc in Architectural Studies (Hons) (LAM Part I), 2008, International Islamic University Malaysia (IIUM).

### Professional Members

1. Lembaga Arkitek Malaysia (LAM), Graduate Architect (AG/N 397), 2011-Current.
2. Society of Vibration and Acoustics Malaysia (SVAM), Ordinary Member (OM0042), 2020-Current.
3. Lembaga Teknologis Malaysia (MBOT), Professional Technologist (PT21110316), Nov 2021-Current.
4. Tropical Building Performance (TROB-P), Member, July 2021-Current.

## Teaching and Learning

### Oct 2023 – Feb 2024

Master, AAA 880 (Design Thesis II), Tutorial.  
Master, AAA 820 (Design Thesis I), Tutorial.  
Degree, AAA550 (Design III), Lecture & Tutorial.  
Degree, AAR651 (Construction Technology V),  
Lecture.  
Degree, AAR635 (Topical Study), Tutorial.

### March – August 2023

Master, AAA 880 (Design Thesis II), Tutorial.  
Master, AAA 820 (Design Thesis I), Tutorial.  
Master, AAA 805 (Dissertation), Tutorial.  
Degree, AAR650 (Design V), Lecture & Tutorial.  
Degree, AAR651 (Construction Technology V),  
Lecture.  
Degree, AAR635 (Topical Study), Tutorial.

### Oct 2022 – Feb 2023

Master, ARK 850 (Design Thesis II), Tutorial.  
Master, AAA 820 (Design Thesis I), Tutorial.  
Degree, AAR650 (Design V), Lecture & Tutorial.  
Degree, AAR651 (Construction Technology V),  
Lecture.  
Degree, AAR635 (Topical Study), Tutorial.

### March – August 2022

Master, ARK 850 (Design Thesis II), Tutorial.

Master, ARK 800 (Design Thesis I), Tutorial.  
Master, ARK 805 (Dissertation), Tutorial.  
Degree, AAR650 (Design V), Lecture & Tutorial.  
Degree, AAA454 (Environmental Ecology &  
Sustainability), Lecture.  
Degree, AAR635 (Topical Study), Tutorial.

### Oct 2021 - Feb 2022

Master, ARK 850 (Design Thesis II), Tutorial.  
Master, ARK 800 (Design Thesis I), Tutorial.  
Master, ARK 805 (Dissertation), Tutorial.  
Degree, AAR650 (Design V), Lecture & Tutorial.  
Degree, AAR651 (Construction Technology V),  
Lecture.

### March - August 2021

Master, ARK 800 (Design Thesis I), Tutorial.  
Master, ARK 805 (Dissertation), Tutorial.  
Degree, AAR650 (Design V), Lecture & Tutorial.  
Degree, AAR651 (Construction Technology V),  
Lecture.  
Degree, AAR635 (Topical Study), Tutorial.

### 2016 (Part-Timer)

Degree, Sep 2016, AAR450 (Design I), Lecture  
& Tutorial.  
Degree, Feb 2016, AAR600 (Design IV), Tutorial.

## Student Supervision

### **Design Thesis – Master of Architecture**

1. Muhammad Haziq bin Abdul Naser (2022498354), Rumah Merah: Experimental Inverted Safe Ground for Sex Workers and Community, Chow Kit. Oct 2023 – August 2024 (Ongoing).
2. Mohamad Yusry Amir bin Ismail (2022813058), Intellicore: Leveraging Cyber Criminal Expertise for Enhanced National Security in Cyberjaya. Oct 2023 – August 2024 (Ongoing).
3. Muhammad Rafiq Faris bin Suhaimi (2022123103), Digital Creator Creative Community Hub. March 2023 – Feb 2024 (Ongoing).
4. Muhammad Syafiq bin Mohamed Karim, Bio-Degradable Plastics & Energy Farm, Klang. March 2023 – Feb 2024 (Ongoing).
5. Mohamad Qawiem bin Mohd Yusman (2021651172), Kuala Lumpur River Regenerative Waste-powered Plant. Oct 2022 – August 2023 (Completed).
6. Ahmad Faiq Bin Abd Wahid, Therapeutic Community Hub: Healing Through Food Art Therapy. March 2023 – August 2023 (Completed).
7. Mohd Faris Izani bin Mohd Fisal (2021729665), Green Work Hub: A Conducive and Healthy Working Station through Biophilic Architecture. March 2022 – Feb 2023 (Completed).

8. Aman Faizal bin Khalili (2021385583), Lobster Community Centre in Teluk Intan, Perak. Oct 2022 – Feb 2023 (Completed).
9. Aiman Najmi bin Anis Helmi (2021752011). Coconut Timber Revitalization Centre in Bagan Datuk, Perak. Oct 2022 – Feb 2023 (Completed).
10. Mohamad Ridzqan bin Ahmad Yusri (2020484092), Paddy Straw Recycling + Environmental Resource Centre. Oct 2021 – August 2022 (Completed).
11. Muhammad Afif Rizal bin Ahmad Nazri (2020967715), Teluk Intan Interpretive Centre. March 2021 - Feb 2022 (Completed).

#### **Dissertation – Master of Architecture**

1. Muhammad Rafiq Faris bin Suhaimi (2022123103), Spatial Need for Effective Content Creator Workspace, July 2023.
2. Muhammad Faris Izani bin Mohd Faisal (2021729665), A Redefinition of Co-Working Space: User Perception and Preferences, August 2022.
3. Mohamad Ridzqan bin Ahmad Yusri (2020484092), Utilisation of Paddy Straw as a Sustainable Building Materials in Malaysia, August 2022.
4. Muhammad Afif Rizal bin Ahmad Nazri (2020967715), Study on the Application of Tree-Like Canopy Design for Rainwater Harvesting, Feb 2021.
5. Muhammad Khairul Mustaqim bin Kamaruddin (2020537383), Rehabilitation of Drug Addicts Through Therapeutics Design Elements, Feb 2021.

#### **Topical Study – Bachelor of Science in Architecture**

1. Camilia Darwina binti Khairul Anuar (2021475048), The Economical Effect of Building Material and Energy Systems in Sustainable Architecture Design, Feb 2024.
2. Zul Ariff Hakimi bin Zulkefli (2021474582), The Impact of Green Building to Public Health, Feb 2024.
3. Najwa binti Nazaruddin (2020855152), The Impact of Courtyard Garden in Hospitals towards the Users, July 2023.
4. Nazatul Najwa binti Ahmad Asyik (2021477744), Factors that Influence the Utilisation of Industrialised Building System (IBS) in Malaysia, Feb 2023.
5. Nur Isfarahaini binti Abd Rahim (2021888346), The Usage of Steel in High Rise Construction in Malaysia, Feb 2023.
6. Muhammad Noor Adib bin Noor Zaide (2019282046), Daylighting Approaches in Office Building Towards Internal Visual Comfort, August 2022.
7. Aiman Haqim bin Jasni (2019424488), Workflow Impact of Building Information Modelling (BIM) in Design and Construction Phase in Architecture, Engineering and Construction (AEC), August 2022.
8. Muhammad Ihsan bin Suaid (2018278038), The Importance of Passive Design Strategies on Visual and Thermal Comfort: A Case Study in An Apartment Unit at Batu Caves, Feb 2021.

#### **Industrial Training – Bachelor of Science in Architecture**

1. Ahmad Arif bin Ramli (2021459152), Aizuddin Aizat Architect.
2. Darwisy Muhammad bin Khairul Anuar (2020842746), Aizuddin Aizat Architect.
3. Muhammad Abdillah bin Mohamad Nor (2021382655), Aizuddin Aizat Architect.
4. Zulaikha Irdina binti Zurkarnain (2020455104), M. Lokman S. Architect.
5. Muhammad Noor Adib bin Noor Zaide (2019282046), ARCHICENTRE Sdn Bhd.
6. Aiman Haqim bin Jasni (2019424488), Arkitek ICB Sdn Bhd.
7. Muhammad Ihsan bin Suaid (2018278038), ARQHITECNIA.

8. Mohammed Fikry Ashraf bin Azmi (2018264152), ARQHITECNIA.
9. Syahmina binti Shahrul Effendy (2018253842), Majlis Perbandaran Pengerang.

## Publications

### Journal Publication

- Sham, R. J., Mahdzar, S. S. S., Zaman, N. Q., Abd Jalil, N. A., & van Nes, A. (2023). Discovering the Axial Lines of Bunus River as a Social Network in Kampong Bharu using Space Syntax Analysis. *International Journal of Sustainable Construction Engineering and Technology*, 14(5), 117-130.
- Yew, C. S., Abd Jalil, N. A., Din, N. B. C., Pradeepa, C., Putra, A., and Azeem, W. (2023). Investigation of the Effectiveness of the Chancel Availability and Geometry of Four Traditional Churches in Malaysia: Simulation Experiment. *Buildings*, 13(4), 1061.
- Nurul Amira Abd Jalil, Nazli bin Che Din, Nila Keumala and Asrul Sani Razak. (2019). Effect of model simplification through manual reduction in number of surfaces on room acoustics simulation. *Journal of Design and Built Environment*, 19(3), 31-41.
- Nurul Amira Abd Jalil, Nazli bin Che Din and Nila Keumala. (2016). Assessment on acoustical performance of green office buildings in Malaysia. *Indoor and Built Environment*, 25(4), 589-602.
- Nurul Amira Abd Jalil, Nazli bin Che Din, and Nila Keumala. (2014). A Literature Analysis on Acoustical Environment in Green Building Design Strategies. *Applied Mechanics and Materials*, 471, 138-142.
- Rao, S. P., Asrul Mahjuddin Ressang Aminuddin, Thing, H. W., Nurul Amira Abd Jalil, Nazli bin Che Din and Nila Keumala. (2012). Thermal and acoustic environment requirements of green buildings in Malaysia. *Journal of Design and Built Environment*, 11(1), 1-9.

### Conference Papers / Proceedings

- Abd Jalil, N. A., Samadi, Z., Din, N. C., & Hanapi, N. L. (2023, July). Assessing the soundscape of heritage streets in Melaka: the ISO/TS 12913-2: 2018 method of data collection. In *IOP Conference Series: Earth and Environmental Science* (Vol. 1217, No. 1, p. 012028). IOP Publishing.
- Nurul Atikah Zolkarnain, Azlan Ariff Ali Ariff, Nurul Amira Abd Jalil, and Rabiatul Adawiyah Abdul Apet. (2022). The Level of Awareness and Application of Energy-Efficient Strategies in Landed Residences of Melaka Suburban. e-Proceeding of 1st International e-Conference on Green and Safe Cities (IeGRESAFE), 179-192. Unit Penerbitan UiTM Perak.
- Nazli Che Din, Nurul Amira Abd Jalil, Nila Keumala, and Asrul Sani Razak. (2016). Effects of 3D model simplification on room acoustics in open-plan offices. The 23<sup>rd</sup> International Congress on Sound & Vibration (ICSV 2016). 10-14 July. Athens, Greece.
- Nurul Amira Abd Jalil, Nazli Che Din, and Nila Keumala. (2015). The Study of Speech Intelligibility and Privacy between Neighbouring Workstations in an Existing Open-plan Office. 12<sup>th</sup> Western Pacific Acoustics Conference 2015 (WESPAC 2015), 123-130. Research Publishing, Singapore.

Nazli Che Din, Nurul Amira Abd Jalil, and Nila Keumala. (2014). Comparative study on acoustical performance and occupants' satisfaction between green office buildings and conventional office buildings in Malaysia. The 21<sup>st</sup> International Congress on Sound and Vibration 2014. 13-17 July. Beijing, China.

Nazli Che Din, Nurul Amira Abd Jalil, Nila Keumala, and Asrul Sani Razak. (2014). Acoustical investigation of open-plan offices in green building: Simulation experiment. INTER-NOISE and NOISE-CON Congress and Conference Proceedings 249(1), 5611-5619. Institute of Noise Control Engineering.

Nazli Che Din, Nurul Amira Abd Jalil, and Nila Keumala. (2013). A Preliminary Investigation on Acoustical Environment in Green Office Buildings in Malaysia. International Conference on Mechanical Engineering Research (ICMER) 2013. 1<sup>st</sup> - 3<sup>rd</sup> July. Bukit Gambang Resort, Pahang.

Nurul Amira Abd Jalil, Nazli Che Din, and Nila Keumala. (2013). Acoustical investigation of open-plan offices in green buildings in Malaysia. INTER-NOISE and NOISE-CON Congress and Conference Proceedings, 247(4), 3963-3972. Institute of Noise Control Engineering.

Nurul Amira Abd Jalil, Nazli Che Din, and Nila Keumala. (2012). A Literature Analysis on Acoustical Environment in Green Building Design Strategies. 4<sup>th</sup> International Conference on Noise, Vibration & Comfort (NVC) 2012. 26-27 November. Melia Hotel, Kuala Lumpur.

### **Book**

(Editor) Kompilasi FSPU@Media 2020-2021. ISBN 978-967-17079-4-4, 2022.

## **Research Grants and Contracts**

### **Ongoing**

1. Geran Penyelidikan MyRA (GPM) UiTM, 600-RMC 5/3/GPM (061/2022), "Characterising the Soundscape Profile of Heritage Streets in Melaka", *Principal Investigator* (July 2022 – June 2024).
2. UM International Collaboration Grant, ST038-2022, "Comparative Study on the Acoustical Quality of Traditional Churches between Malaysia and India", *Co-Researcher* (August 2022 – July 2024).
3. Dana University Cawangan Selangor (DUCS) Fakulti, 600-UiTMSEL (PI 5/4) (126/220), "People and their Walking Environment: Understanding Relationship of Place Narratives and Pedestrians Behaviour through Neurourbanism", *Co-Researcher* (October 2022 – September 2024).

### **Completed**

1. University of Malaya Research Grant (UMRG), RG165/2SUS, "Investigation of the Acoustics Performance in Green Office Buildings", *Research Assistant* (2012 – 2015).

## **Services & Administration**

### **Administration**

1. Coordinator, Studies of Architecture RIBA Validation 2024, April 2023 – current.
2. Associate Section Editor, Built Environment Journal (BEJ), Aug 2023 – Aug 2025.
3. AJK, Puncak Alam Bina Festival, College of Built Environment, July 2023 – Dec 2023.
4. AJK, Unit Kualiti, Faculty of Architecture, Planning & Surveying (FSPU), June 2022 – May 2024.
5. Liaison Officer, Unit Korporat & Komunikasi (UKK), Faculty of Architecture, Planning & Surveying (FSPU), June 2021 – Dec 2022.

6. AJK, Syllabus Revision, Centre of Studies for Architecture (CoSA), Feb 2021 - Present.
7. AJK, New Program Development – “Doctorate in Built Environment (Practice-Based)”, Faculty of Architecture, Planning & Surveying (FSPU), September 2021-Present.

### **Academic Advisor (Feb 2021 – Present)**

- |  |  |
|--|--|
| 1. Muhammad Haziq bin Yahya.                     | 14. Nureen Syazwani binti Hirwan (C).              |
| 2. Muhammad Ihsan bin Suaid.                     | 15. Nurin Insyirah binti Tanie (C).                |
| 3. Muhammad Nabil bin Ahmad Nizam.               | 16. Nurina Athirah binti Izzmandi Chua (C).        |
| 4. Nafisah binti Ezam.                           | 17. Nurqiasatina Dalili binti Mohd Kamri (C).      |
| 5. Nur Aida binti Musa.                          | 18. Nurul Athirah Izzati binti Abu Zulkarnain (C). |
| 6. Nur Alia Farhana binti Muharam.               | 19. Nurul Hanis binti Mohd Nazri (C).              |
| 7. Nur Khadija Qistina binti Abdul Hajis (C).    | 20. Nurul Nadia binti Zulkifli (C).                |
| 8. Nur Nabila Huda binti Mohammad (C).           | 21. Nurulain binti Zulmahjedi (C).                 |
| 9. Nur Nasreen Shahmena binti Seniman (C).       | 22. Aiman Razien bin Abd Rasid (C).                |
| 10. Nur Qistina binti Azmir (C).                 | 23. Hazeeq Zahran bin Amran (C).                   |
| 11. Nur Shafiqah binti Madzlan (C).              | 24. Mohamad Haykel Danieal bin Nor Azman (C).      |
| 12. Nur Shazleen Afira binti Md Shahrulhadi (C). |  |
| 13. Nur Syazwana binti Kamaruddin (C).           |  |

## **Work and Collaboration Experience**

### **Work**

1. Architect (June 2018 – Jan 2021), GDP Architects Sdn Bhd, Kuala Lumpur.
2. Acoustic Consultant Intern (March 2018 – May 2018), KHAN Acoustics Sdn Bhd, Kajang, Selangor.
3. Part-time Studio Tutor (Feb 2016 – Dec 2016), Universiti Teknologi MARA (UiTM), Puncak Alam.
4. Research Assistant (July 2012 – June 2015), Universiti Malaya (UM), Kuala Lumpur.
5. Project Architect (June 2010 – May 2012), Cipta Teguh Architect Sdn Bhd, Puchong, Selangor.

### **Panelist**

1. Panel of Examiners for Defence of Research Proposal (DRP), Doctor of Philosophy (AP991), Faculty of Architecture, Planning and Surveying, Dec 2023.
2. New Student Interview Panelist, Bachelor of Science in Architecture (AP243), Studies of Architecture, School of Architecture & Interior Architecture, Nov 2023.
3. New Student Interview Panelist, Bachelor of Science in Architecture (AP243), Studies of Architecture, School of Architecture & Interior Architecture, May 2023.
4. New Student Interview Panelist, Bachelor of Science in Architecture (AP243), Centre of Studies of Architecture (CoSA), Jan 2023.
5. New Student Interview Panelist, Bachelor of Science in Architecture (AP243), Centre of Studies of Architecture (CoSA), June 2022.
6. Vetting Panelist for Design Thesis I, Master of Architecture (AP773), Centre of Studies of Architecture (CoSA), Feb 2021.
7. Critique Panelist for Design Thesis I, Master of Architecture (AP773), Centre of Studies of Architecture (CoSA), Feb 2021.
8. Proposal Defense Panelist for Dissertation, Master of Architecture (AP773), Centre of Studies of Architecture (CoSA), Feb 2021.

9. New Student Interview Panelist, Bachelor of Science in Architecture (AP243), Centre of Studies of Architecture (CoSA), Feb 2021.

## Contribution to Society

### Society Appointment

1. Secretary-General, Society of Vibration and Acoustics Malaysia (SVAM), July 2022 – Current.
2. Organising Committee (Secretary), 7th International Conference on Noise, Vibration and Comfort (NVC2023), Nov 2022 – Current.

### Corporate Social Responsibility (CSR)

1. AJK 'Program Transformasi Pusat Sumber' di Sekolah Kebangsaan Puncak Alam (July 2022 – May 2023).
2. AJK Program Lukisan Mural Pusat Pengajian Senibina (CoSA) bersama Masjid Saidina Umar Al-Khattab, Bukit Damansara (March 2022).

## Other Activities

### Competition

1. AJK Penganjur, Projek Pertandingan Idea dan Reka Bentuk bagi Cadangan Pusat Pembangunan Intelektual Anak-Anak Yatim (*Centre of Excellence for Orphans*) untuk Tetuan Yayasan Rahimah Yusof di Pulau Pinang, (Oktober 2022 – Feb 2023).

### Programme Accreditation

1. AJK Dokumen Laporan Teknikal, Lawatan Akreditasi Penuh Majlis Akreditasi Pengajian Senibina (MAPS) Malaysia bagi Pusat Pengajian Senibina, Kolej Pengajian Alam Bina, UiTM, 2022.
2. AJK, Lawatan Akreditasi Penuh Majlis Akreditasi Pengajian Senibina (MAPS) Malaysia bagi Pusat Pengajian Senibina, Kolej Pengajian Alam Bina, UiTM, 2022.

### Others

1. Penulis, Laporan Program Penilaian Kendiri (*Programme Self-Review Report* (ePSRR), Fakulti Senibina, Perancangan dan Ukur (FSPU), 2021.
2. AJK Pelaksana Program, Majlis Anugerah Kecemerlangan Fakulti Senibina, Perancangan dan Ukur (MAKEF 2021), 2022.
3. Editor, Kompilasi Abstrak Disertasi Pelajar Senibina AP773 Semester 2021/4, 2022.