LAR. DR. KHALILAH BINTI HASSAN (01685A)
PENSYARAH UNIVERSITI (TETAP)
FACULTY OF ARCHITECTURE AND EKISTICS
UNIVERSITI MALAYSIA KELANTAN
BEG BERKUNCI NO. 1
BACHOK

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A. PERSONAL DETAILS

UMK JOIN DATE	30-Nov-2017
DATE OF APPOINTMENT FOR CURRENT POSITION	15-Jul-2009
DATE OF CONFIRMATION FOR CURRENT POSITION	09-Apr-2020
EDUCATION(S)	• **()** INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM • **(2024) UNIVERSITI MALAYSIA KELANTAN** IJAZAH DOKTOR FALSAFAH TEORI DAN SEJARAH SENIBINA • **(2009) UNIVERSITI SAINS MALAYSIA** IJAZAH SARJANA SAINS GEOGRAFI SAINS INFORMASI • **(2005) UNIVERSITI TEKNOLOGI MARA** IJAZAH SARJANA MUDA SENI BINA LANDSKAP • **(2002) UNIVERSITI TEKNLOGI MARA** DIPLOMA SENI BINA LANDSKAP • **(1998) SMK ZAINAB 2 KOTA BHARU** SPM
GROUP OF EXPERTISE	
AWARD(S)	• Award Name: **ANUGERAH KHAS TOP 10 PRESTASI CEMERLANG TAHUN 2025 (2026)** Awarded by: UNIVERSITI MALAYSIA KELANTAN
WORKING EXPERIENCE(S)	• LANDSCAPE DESIGNER | LANDSCAPE PLUS 01-Jan-2002 - 01-Aug-2002 • RESEARCH ASSISTANT | UPSI 01-Jan-2005 - 01-Dec-2005 • PENSYARAH SAMBILAN | UNIVERSITI TEKNOLOGI MARA 01-Dec-2005 - 01-Dec-2007 • PENSYARAH KANAN | UNIVERSITI TEKNOLOGI MARA 02-Feb-2009 - 29-Nov-2017
PROFESSIONAL MEMBERSHIP(S)	• INSTITUTE OF LANDSCAPE ARCHITECTS MALAYSIA | MEMBER | NATIONAL 01-Jan-2016 - 01-Jan-4040

B. TEACHING-LEARNING ACTIVITIES

COURSES TAUGHT	• GLM10404 - LANDSCAPE SITE DESIGN STUDIO • SGL1314 - LANDSCAPE ARCHITECTURAL BASIC STUDIO • SGL1322 - INTRODUCTION TO LANDSCAPE ARCHITECTURE • SGL1332 - LANDSCAPE PLANT MATERIAL • SGL1344 - PLANTING DESIGN STUDIO • SGL1352 - NURSERY AND HORTICULTURE • SGL1362 - SOIL SCIENCE AND ENVIRONMENTAL

	• SGL2316 - PARK AND RECREATIONAL DESIGN STUDIO • SGL2323 - ECOLOGY AND RESOURCES PLANNING • SGL2346 - URBAN LANDSCAPE DESIGN STUDIO • SGL2363 - STORMWATER DRAINAGE MANAGEMENT • SGL3332 - GEOGRAPHICAL INFORMATION SYSTEM (GIS) • SGL4333 - PROFESSIONAL PRACTICE AND ETHICS

C. RESEARCH AND DEVELOPMENT

JOURNAL(S)	1. Khalilah Hassan, Nor Diyana Mustapa, Yeo Lee Bak, Siti Nuratirah Che Mohd Nasir, Najah Md Alwi. (2026-08). Perceptions of Tree Survivability Among Landscape Architects: A Cross-Sectional Analysis of Professional Maturity. Planning Malaysia , Vol. 24 (4) , pp. 435 ¿ 447. https://doi.org/10.21837/pm.v24i43.2110 2. Nor Diyana Mustapa, Muhsein A.S., Ismi Luqman Hamadi Ibrahim, Nurul Izzati Othmani, Khalilah Hassan. (2026-01). Design Strategies for a Complementary Nature-Connected Indoor-Outdoor Environments to Foster Children¿s Holistic Development: A Review. Planning Malaysia , Vol. 24(1) , pp. 303-318. https://doi.org/10.21837/pm.v24i40.1975 3. Alwi N.M., Mukhtar S.N., Anuar N.H., Khalilah Hassan. (2026-01). Navigating Nusantara's Urban Green Fabric: Exploring Cultural and Social Influences in Selected City Parks. Planning Malaysia , Vol. 24(2) , pp. 173-199. https://doi.org/10.21837/PM.V24I41.1994 4. Ayub Awang, Ramly Hasan, Khalilah Hassan, Ismi Luqman Hamadi Ibrahim, Syahidah Amni Mohamed. (2025-12). Exploring the features of plants threatening Malaysia's heritage buildings. Journal of Tropical Resources and Sustainable Science , Vol. 13(Special Issue) , pp. 217-224. https://doi.org/10.47253/jtrss.v13i3.2021 5. Noorliyana Ramlee, Nor Hamizah Abdul Hamid, Wan Saiful Nizam Wan Mohamad, Yeo Lee Bak, Khalilah Hassan, Ramly Hasan, Ramlee, Muhamad Fadhli. (2025-12). Assessing the relationship between walkability factors and walking behaviours among university students using structural equation model. Journal of Tropical Resources and Sustainable Science , Vol. 13 (2) , pp. 287-293. https://doi.org/10.47253/jtrss.v13i2.1939 6. Ramly Hasan, Mohammad Rusdi Mohd Nasir, Wan Saiful Nizam Wan Mohamad, Khalilah Hassan, Ayub Awang, Yeo Lee Bak, Nor Hamizah Abdul Hamid, Nor Diana Aziz. (2025-12). Roadside trees species selection model for environmental health and public safety in Malaysia. Journal of Tropical Resources and Sustainable Science , Vol. 13(Special Issue) , pp. 127-133. 7. Khalilah Hassan, Wan Saiful Nizam Wan Mohamad, Nor Diyana Mustapa, Mohammad Rusdi Mohd Nasir, Izrahayu Che Hashim, Suzanah Abdullah, Marina Abdullah. (2025-01). Exploring the Factors Affecting Tree Removal Decisions in Malaysian Development Areas. Alam Cipta , Vol. 18(5) , pp. 144-155. https://doi.org/10.47836/AC.18.3.PAPER10 8. Khalilah Hassan, Wan Saiful Nizam Wan Mohamad, Ramly Hasan, Azrul Bahaluddin. (2024). Decision-Making for Tree Removal in Urban Development: Insights from Local Authorities in Malaysia. Planning Malaysia , Vol. 22(6) , pp. 196-206. https://doi.org/10.21837/pm.v22i34.1623 9. Khalilah Hassan, Wan Saiful Nizam Wan Mohamad, Ramly Hasan, Najah MD Alwi. (2023). Perceptual Differences of Tree Removal in Development Areas among Landscape Professionals. Planning Malaysia , Vol. 21 (5) , pp. 173 ¿ 187. https://doi.org/10.21837/pm.v21i29.1363 10. Li H.X., Hassan, K., Malik H.A., Anuar M.M., Khan T.I., Yaacob M.R.. (2022). Impulsive and Compulsive Buying Tendencies and Consumer Resistance to Digital Innovations: The Moderating Role of Perceived Threat of COVID-19. Frontiers in Psychology , Vol. 13 . https://doi.org/10.3389/fpsyg.2022.912051 11. Mustapa, ND, Hassan, K., Nasir S.N.C.M., Arminda, W. (2021-03). Age and Gender Differences in Experience with and Connectedness to Nature Among Children. ENVIRONMENT-BEHAVIOUR PROCEEDINGS JOURNAL , Vol. 6(16) , pp. 3-9. https://doi.org/10.21834/ebpj.v6i16.2707 12. Wan Mohamad, W.S.N., Hassan, K., Awang, A., Mohd Nasir, M.R., Ramle, N.H., Ramlee, N., Pulli, H.. (2020). The relationship between stingless bee and native plants studies. Serangga , Vol. 25 (2) , pp. 132-141. 13. Wan Mohamad, Wan Saiful Nizam, Said, Ismail, Hassan, Khalilah, Che Mohd Nasir, Siti Nuratirah, Mohd Nasir, Mohammad Rusdi, Lokman, Nor Iza Syazwani. (2020). Street network design, pattern and characteristics for Malaysian local town. , Vol. 18(2) , pp. 193-205. https://doi.org/10.21837/pm.v18i12.754
PROCEEDING(S)	1. Ramly Hasan, Nor Diana Aziz, Ayub Awang, Khalilah Hassan, Syahidah Amni Mohamed, Wan Saiful Nizam Wan Mohamad, Nurul Izzati Othmani. (2024). Understanding Place and People through Cultural Mapping Approach: Case study at Bachok, Kelantan. In BIO Web of Conferences . EDP Sciences. https://doi.org/10.1051/bioconf/202413103006 2. Khalilah Hassan, Wan Saiful Nizam Wan Mohamad, Ramly Hasan, Syahidah Amni Mohamed, Nor Beha Ahmad. (2024). Street tree risk assessment at the food court of Sultan Muhammad IV Stadium in Kota Bharu, Kelantan. In BIO Web of Conferences . EDP Sciences. https://doi.org/10.1051/bioconf/202413103005 3. Wan Saiful Nizam Wan Mohamad, Ramly Hasan, Khalilah Hassan, Nor Hamizah Abdul Hamid, Noorliyana Ramlee, Yeo Lee Bak, Nurul Izzati Othmani, Syahidah Amni Mohamed, Sahrudin Mohamed Som. (2024). Analysing stingless bee garden design for urban farming in Kelantan, Malaysia. In BIO Web of Conferences . EDP Sciences. https://doi.org/10.1051/bioconf/202413102003 4. Ramly Hasan, Nor Diana Aziz, Ayub Awang, Khalilah Hassan, Syahidah Amni Mohamed, Wan Saiful Nizam Wan Mohamad, Nurul Izzati Othmani. (2024). Understanding Place and People through Cultural Mapping Approach: Case study at Bachok, Kelantan. In BIO Web of Conferences . EDP Sciences. https://doi.org/10.1051/bioconf/202413103006 5. Mohamad, W.S.N.W., Lokman, N. I. S., Hasan R., Awang, A., Hamid, N. H. A., Yeo L.B., Hassan, K., Ramlee, N., Othmani N. I., Mohamed, S.A. (2023). Patterns of streets connection for sustainable urban development in Kota Bharu, Kelantan, Malaysia. In BIO Web of Conferences , pp. 1-9. EDP Sciences. https://doi.org/10.1051/bioconf/20237305013 6. Hasan R., Mohamad, W.S.N.W., Hassan, K., Nasir M.R.M., Ramlee, N.. (2023). Contribution of traditional medicinal and aromatic plants species on elderly health care. In AIP Conference Proceedings . American Institute of Physics Inc. https://doi.org/10.1063/5.0116504 7. Hasan R., Mohamad, W.S.N.W., Hassan, K., Noordin, M. A.M.J., Ramlee, N.. (2023). A study on youth awareness towards cultural and heritage in Kelantan state. In AIP Conference Proceedings . American Institute of Physics Inc.. https://doi.org/10.1063/5.0116502

	8. Khalilah Hassan, Ramly Hasan, Wan Saiful Nizam Wan Mohamad. (2022). Tree removal in development site: Experience and perception of landscape professionals. In International e-Conference on Green & Safe Cities (IeGRESAFE) , pp. 339-351. Unit Penerbitan UiTM Perak. 9. Wan Saiful Nizam Wan Mohamad, Lokman, Nor Iza Syazwani, Ramly Hasan, Khalilah Hassan, Noorliyana Ramlee, Mohammad Rusdi Mohd Nasir, Yeo L.B., Gul, Yasmeen, Abu Bakar, Khairil Asraf. (2021-09). The implication of street network design for walkability: A review. In The 5th International Conference on Rebuilding Place , pp. 1 - 8. IOP Publishing. https://doi.org/10.1088/1755-1315/881/1/012058 10. Hassan, K., Mohamad, W.S.N.W., Mohd Nasir, M.R., Mustapa. N. D, Hasan R., Harun S.N.. (2021-07). A synthesis of tree retention studies: A systematic review. In AIP Conference Proceedings . American Institute of Physics Inc.. https://doi.org/10.1063/5.0052194 11. Hasan R., Mohamad, W.S.N.W., Hassan, K., Ramlee, N., Sulaiman F.C.. (2021-07). Effects of roadside tree species on Malaysia driver's emotions associated with vehicle crashes. In AIP Conference Proceedings . American Institute of Physics Inc.. https://doi.org/10.1063/5.0051805 12. Ramlee, N., Said I., Mohamad, W.S.N.W., Hassan, K., Hasan R.. (2021-07). Review on the influences of atmospheric effects of commercial settings towards consumers' emotions, perceptions and behaviors. In AIP Conference Proceedings . American Institute of Physics Inc.. https://doi.org/10.1063/5.0051806 13. Nasir M.R.M., Salleh I.H., Sham M.S.A., Wan Mohamad, W.S.N., Hassan, K., Hassan R.. (2021-07). Horticulture therapy through edible garden project. In AIP Conference Proceedings . American Institute of Physics Inc.. https://doi.org/10.1063/5.0051491 14. Nor Hamizah Abdul Hamid, Muhamad Ezran Zainal Abdullah, Ramly Hasan, Noorliyana Ramlee, Wan Azlina Wan Ismail, Khalilah Hassan, Wan Saiful Nizam Wan Mohamad, Nurul Izzati Othmani, Nurfadilah Saadul Kurzi, Mohamed, S.A. (2021). Using satellite imagery as navigation tools in virtual serial vision (VSV) to support urban visualisation and design. , pp. 608 - 610. Pusat Pengajaran Pembelajaran Universiti (UTLC).
BOOK(S)	
CHAPTER(S)	1. Wan Saiful Nizam Wan Mohamad, Khalilah Hassan, Mohammad Rusdi Mohd Nasir, NOORLIYANA RAMLEE, Ramly Hasan. (2021). Chapter 13: DRONE APPLICATION IN TOPOLOGY STUDY OF SITE ANALYSIS FOR LANDSCAPE ARCHITECTURE STUDIO COURSE. In Eclecticnous Approach in Learning (pp. 85-92). UMK Press. 2. Khalilah Hassan, Wan Saiful Nizam Wan Mohamad, Ramly Hasan, Mohammad Rusdi Mohd Nasir, Nor Diyana Mustapa, Azrul Bahaluddin. (2021). Chapter 14: PLANT IDENTIFICATION TAGGING SCHEME USING QR CODE: I-TREEPRENEUR. In Eclecticnous Approach in Learning (pp. 93-98). UMK Press.
OTHER(S)	1. Mohammad Rusdi Mohd Nasir, Mohd Syazwan Abdullah Sham, Wan Saiful Nizam Wan Mohamad, Khalilah Hassan, Mohd Azri Mohd Jain Noordin, Raihan Hassan. (2020). Developing a Framework of Edible Garden Concept for Horticultural Therapy for the Elderly People. Scientific Academia Network (Scientiaca).
RESEARCH(S)	1. CONNECTIVITY CHARACTERISTICS OF STREET NETWORK FOR TOWNS IN KELANTAN, MALAYSIA | MEMBER | FRGS | 2020 2. DEVELOPING A FRAMEWORK OF EDIBLE GARDEN CONCEPT FOR HORTICULTURAL THERAPY FOR THE ELDERLY PEOPLE | MEMBER | FRGS | 2020 3. KAJIAN RINTIS KRITERIA REKABENTUK GUNA SEMULA BAN TEMBAKAU TERBIAR DI BACHOK, KELANTAN | MEMBER | SGJP | 2017 4. MALAYSIAN URBAN TREE RETENTION DETERMINATION FACTOR | HEAD | UMK-FUND | 2020 5. PENDEKATAN TAMAN TERAPI UNTUK WARGA EMAS DI KLINIK KESIHATAN KUALA BESUT, TERENGGANU. | MEMBER | UMK-FUND | 2020 6. REKABENTUK TAMAN KELULUT DOMESTIK: BACHOK, KELANTAN | MEMBER | SGJP | 2017
SUPERVISION	• **STREET NETWORK CONNECTIVITY PATTERN FOR TOWNS IN KELANTAN, MALAYSIA** | CO SUPERVISOR FOR A MASTER'S STUDENT
RESEARCH AWARD	• Product Name: Mobile Tagging Scheme for Plant Identification Using QR Code: i-treepreneur Award: GOLD Role: Head Exhibition Name: Teaching Enhancement and Learning Innovation Carnival • Product Name: E-Assessment via E-Portfolio from Google Sites for Landscape Architecture Design Studio Award: GOLD Role: Member Exhibition Name: Teaching Enhancement and Learning Innovation Carnival • Product Name: Drone Application in Topology Study of Site Inventory for Landscape Architecture Studio Course Award: GOLD Role: Member Exhibition Name: Pertandingan Amalan Inovasi Pengajaran dan Pembelajaran (AIPP) Karnival Inovasi@UMT 2020 • Product Name: Drone Application in Topology Study of Site Analysis for Landscape Architecture Studio Course Award: GOLD Role: Member Exhibition Name: Teaching Enhancement and Learning Innovation Carnival • Product Name: Collaborative Learning: Interactive Critique Session Using Padlet for Landscape Architecture Design Studio: e- DesignCrit

(S)	Award: SILVER Role: Head Exhibition Name: Teaching Enhancement and Learning Innovation Carnival • Product Name: Mobile Tagging Scheme For Plant Identification Using QR Code : I-Treepreneur Award: SILVER Role: HEAD Exhibition Name: INOVASI@UMT • Product Name: Agrihood- Edible Garden for the Elderly People Award: SILVER Role: Member Exhibition Name: ereka 2020 • Product Name: The Learning Theory Behind Reflective Design Journal in Landscape Architecture Design Studio Award: SILVER Role: Member Exhibition Name: Teaching Enhancement and Learning Innovation Carnival • Product Name: Plagiarism-Deterrent Assessment via Turnitin Tool for Landscape Architecture Atudents in UMK Award: BRONZE Role: Member Exhibition Name: Teaching Enhancement and Learning Innovation Carnival

D. CONSULTATION

CONSULTATION(S)	1. PERKONGSIAN ILMU DAN KEPAKARAN BERKENAAN INOVASI DAN TEKNOLOGI DALAM BIDANG LANDSKAP DAN KONSEP PERTANIAN PINTAR DALAM KURSUS PENGURUSAN TAMAN SUMBER DAN TV PSS | HEAD | 2020 2. PANEL PERUNDING BAGI KERJA-KERJA MENAIKTARAF KAWASAN TENIAT DI UMK BACHOK | MEMBER | 2020 3. PAKAR PERUNDING PROJEK PEMBANGUNAN RUMAH PELANGI, KAMPUNG SUNGAI BUDOR | MEMBER | 2020

E. COMMUNITY SERVICES

COMMUNITY SERVICES	