

CURRICULUM VITAE



A. PERSONAL DETAILS

Nama Penuh (<i>Full Name</i>)	NUR DALILAH BINTI DAHLAN		Gelaran (<i>Title</i>): Dr
Jawatan (<i>Designation</i>) Associate Professor (DS 54)	Warganegara (<i>Citizenship</i>) Malaysia	Bangsa (<i>Race</i>) Malay	Jantina (<i>Gender</i>) Female
ResearcherID (Web of Science): E-4108-2016	h-index : 8 (Nov 2021)		
SCOPUS ID: 24480506900	h-index: 8 (Nov 2021)		
Google Scholar ID: Nur Dalilah Dahlan	h-index: 11 (Nov 2021)		
ORCID ID: https://orcid.org/0000-0002-5324-9091			

Jabatan/Fakulti (<i>Department/Faculty</i>)	E-mel dan URL (<i>E-mail Address and URL</i>)
Dept. of Architecture, Fac. of Design & Architecture, Universiti Putra Malaysia, 43400 Upm Serdang, Selangor Darul Ehsan.	E-mail: nurdalilah@upm.edu.my

B. ACADEMIC QUALIFICATION

Certificate / Qualification obtained	Name of School / Institution	Year obtained	Area of Specialization
Post-Doctoral	The University of Sydney	2014	Thermal Alliesthesia
Doctor of Philosophy	Cardiff University	2009	Architectural Systems & Users' Comfort Perceptions
M. (Sc.) Architecture	Universiti Putra Malaysia	2006	Daylighting design in building
B. (Sc.) Architecture	Universiti Malaya	2002	Architecture

C. LANGUAGE PROFICIENCY

Language	Poor (1)	Moderate (2)	Good (3)	Very good (4)	Excellent (5)
English					√
Bahasa Melayu					√

D(a). SCIENTIFIC EXPERIENCE AND SPECIALIZATION

<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>	<i>Expertise</i>
Indoor Environment Quality (IEQ) Lab, The University of Sydney	Research Associate	Sep. 2012	June 2014	<ul style="list-style-type: none"> Thermal Alliesthesia Climate Chamber experiments Building Management Control System (BMCS)
Cardiff University	PhD. Student	Jan. 2006	Jan. 2009	<ul style="list-style-type: none"> Architectural Systems Users' Comfort Perceptions
Universiti Putra Malaysia	Master Student	Nov.2003	May 2005	<ul style="list-style-type: none"> Daylighting design in building

D(b). PROFESSIONAL MEMBERSHIP

<i>Organization</i>	<i>Position</i>	<i>Registration no.</i>	<i>Year Appointed/ Joined</i>
Jurnal Kejuruteraan (UKM)	Editorial Board Member	-	2020
National Institute of Occupational Safety and Health (NIOSH)	Board of Director	P0356	2016
Journal of Occupational Health and Safety (JOSH) published by NIOSH	Editorial Board Member	P0356	2016
The Chartered Institute of Building Services Engineers (CIBSE)	Affiliate Member	049847	2015
Society of Light and Lighting	Affiliate Member	049847	2015
Universiti Putra Malaysia Talent Pool Group	Member	-	2015
International Society of Indoor Air Quality and Climate (ISIAQ)	Member	dah311	2014

E. EMPLOYMENT

<i>Employer</i>	<i>Designation</i>	<i>Department</i>	<i>Start Date</i>	<i>Date Ended</i>
Universiti Putra Malaysia	Associate Professor (DS 54)	Architecture	01/10/2021	In service
Universiti Putra Malaysia	Senior Lecturer (DS 51)	Architecture	28/05/2009	30/09/2021.
Dept. of Architecture, Fac. of Design and Architecture, Universiti Putra Malaysia.	Tutor (staff id.: T01326)	Architecture	20/09/ 2002	27/05/2009

F. AWARDS

<i>Name of awards</i>	<i>Title</i>	<i>Award Authority</i>	<i>Award Type</i>	<i>Year</i>
<i>Academic Awards</i>	Insentif Makalah Jurnal 2016	RMC UPM RM4400 Vot: 9001102	University	2018
	(E9) Geran Anugerah Hadiah	Universiti Putra Malaysia	University	2017

	Fellowship Naib Canselor 2016 (Kategori Penerbitan Makalah Jurnal)	RM5000		
	Anugerah Penerbitan Makalah Jurnal Majlis Gemilang Akademik Putra 2016	Universiti Putra Malaysia	University	2016
	Anugerah Pegawai Akademik Terbaik (kategori Jurnal Berimpak Tinggi)	Fakulti Rekabetuk dan Senibina, Universiti Putra Malaysia	Faculty	2016
	Hadiah Latihan Biasiswa Sub Keparakan/ Post Doktor	Bahagian Biasiswa, Kementerian Pengajian Tinggi Malaysia	National	2012
	Design, Research & Innovation Exhibition. (Gold Medal)	Invention, Research and Innovation Exhibition (PRPI 2011), Universiti Putra Malaysia	University	2011
	Hadiah Latihan Skim Latihan Akademik Bumiputera (SLAB)	Bahagian Latihan, Jabatan Perkhidmatan Awam Malaysia, Putrajaya	National	2005
	Design, Research & Innovation Exhibition. (Bronze Medal)	Invention, Research and Innovation Exhibition (PRPI 2005), Universiti Putra Malaysia	University	2005
<i>Awards of Merit</i>	(E11) Award of Excellence in Service 2019	Universiti Putra Malaysia	University	2020 (97.61)
	(E11) Award of Excellence in Service 2019	Universiti Putra Malaysia	University	2019 (94.81)
	(E11) Award of Excellence in Service 2018	Universiti Putra Malaysia	University	2018 (93.86)
	(E10) Award of Excellence in Service 2016	Universiti Putra Malaysia	University	2016 (91.14)
	(E10) Award of Excellence in Service 2011	Universiti Putra Malaysia	University	2011 (94.00)
	(E10) Award of Excellence in Service 2009	Universiti Putra Malaysia	University	2009

G. LIST OF PUBLICATIONS

Journal articles (impact factor; CIJ)

1. **Dahlan, N. D.**, Jones, P.J., Alexander, D.K., Salleh, E., Dixon, D. (2008). "Field measurement and subjects' votes assessments on thermal comfort in high-rise hostels in Malaysia." **Indoor and Built Environment 17(4): 334-345. Impact factor: 2.0 (Q2)**
2. **Dahlan, N.D.**, Jones, P.J., Alexander, D.K., Salleh, E., Alias, J (2009). "Evidence base prioritisation of indoor comfort perceptions in Malaysian typical multi-storey hostels." **Building and Environment 44(10): 2158-2165. Impact factor: 4.971 (Q1)**
3. **Dahlan, N. D.**, Jones, P.J., Alexander, D.K., Salleh, E., Alias, J. (2009). "Daylight ratio, luminance and visual comfort assessments in typical Malaysian hostels." **Indoor and Built Environment 18(4): 319-**

335. Impact factor: 2.0 (Q2)

4. **Dahlan, N. D.** (2009). "The acoustic comfort in high-rise hostels: objective and subjective measurements in Malaysia." **Alam Cipta** **4(1): 3-8. Index: SCOPUS**
5. **Dahlan, N. D., Jones, P.J., Alexander.** (2011). "Operative temperature and thermal sensation assessments in non-air-conditioned multi-storey hostels in Malaysia" **Building and Environment** **46(2): 457-567. Impact factor: 4.971 (Q1)**
6. AmirHosein GhaffarianHoseini, **Nur Dalilah Dahlan**, Rahinah Ibrahim, Mohd Nasir Baharuddin and Ali GhaffarianHoseini (2011). "The Concept of Local-Smart-Housing: Towards Socio-Cultural Sustainability of Vernacular Settlements" **International Journal of Architectural Research** **5(2): 91-105 (Q1).**
7. Ghaffarian Hoseini, A., **Dahlan, N. D.** (2012). "The Essence of Malay Vernacular Houses: Towards Understanding the Socio-cultural and Environmental Values" **Journal of the International Society for the Study of Vernacular Settlements** **2 (2): 53-73. Q2**
8. Ari Siswanto, Azizah Salim Syed Salim, **Nur Dalilah Dahlan**, Ahmad Hariza. (2013). "The Phenomenology of *Lamban Tuha*: The Local Wisdom of South Sumatra Traditional Architecture" **International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies** **4(2): 157-170. CIJ.**
9. AmirHosein GhaffarianHoseini, **Nur Dalilah Dahlan**, Umberto Berardi, Ali Ghaffarian Hoseini, Nastaran Makaremi. (2013). "The essence of future smart houses: From embedding ICT to adapting to sustainability principles" **Renewable and Sustainable Energy Reviews** **24: 593-607. Impact factor: 12.11 (Q1)**
10. AmirHosein GhaffarianHoseini, **Nur Dalilah Dahlan**, Umberto Berardi, Ali GhaffarianHoseini, Nastaran Makaremi, Mahdiar GhaffarianHoseini. (2013). "Sustainable energy performances of green buildings: A review of current theories, implementations and challenges" **Renewable and Sustainable Energy Reviews** **25: 1-17. Impact factor: 12.11 (Q1)**
11. AmirHosein GhaffarianHoseini, **Nur Dalilah Dahlan**, Umberto Berardi, Ali GhaffarianHoseini. (2014). "What can we learn from Malay vernacular houses?" **Sustainable Cities and Society** **13(2014) 157-170. Impact factor: 5.268 (Q1)**
12. **Nur Dalilah Dahlan.** (2015). "Perceptive-cognitive aspects investigation in relation to indoor environment satisfaction collected from naturally ventilated multi-storey student accommodations in Malaysia" **Indoor and Built Environment** **24(1): 116-127. Impact factor: 2.0 (Q2)**
13. **Nur Dalilah Dahlan**, Gital, Y.Y., Mohd Kher Hussein. (2015). "Determination of Thermal Sensation on Transient Conditions" **Alam Cipta** **8(3): 3-9. Index: SCOPUS**
14. Saeid Yazdani, Mohd Johari Mohd Yusof, **Nur Dalilah Dahlan.** (2015). "The Needs for Coordination in Sustainable Urban Infrastructure Development" **Alam Cipta** **8(1): 4-9. Index: SCOPUS**
15. Ibiyeye, A.I., Mohd F.Z.J., Zalina S., **Dahlan, N.D.** (2015). "Mixed-mode Ventilation in Malaysia's Shopping Malls: A Taxonomy Study" **Alam Cipta** **8(2): 72-82. Index: SCOPUS**
16. **Dahlan, N. D., Gital, Y. Y.** (2016). "Thermal sensations and comfort investigations in transient conditions in tropical office". **Applied Ergonomics**, **54, 169-176. Impact factor: 2.07 (Q1)**
17. **Nur Dalilah Dahlan**, AmirHosein GhaffarianHoseini. (2016). "Comparative Study On The Thermal Environmental Responses Of Indigenous Bamboo And Modern Brick Houses In Hot-Humid Climate Of Malaysia". **Jurnal Teknologi**, **78(11): 173-181. Q2**
18. RatnaKala Sithravel, Rahinah Ibrahim, **Nur Dalilah Dahlan**, Normala Ibrahim, Enoch Kumar Perimal. (2015). "Identifying Daily Lighting Environment to Enhance Occupant's Psychophysiological Wellbeing for Healthy Green Building Design". **Advances in Environmental Biology**, **9(23): 31-39.**
19. **Dahlan, N.D.** (2017). Air-conditioned Building Occupants' Preferred Temperature: A Comparative Study". **Journal of Occupational Safety and Health**, **14(2): 1-6.**

20. Jamaludin. M.I., **Dahlan. N.D.**, Mohd Elias. S., Baharudin. M.R (2017). "Plantation Safety: A Conceptual Paper on Factors that Affect Safety and Health Risk Assessment in Oil Palm Plantation". **Journal of Occupational Safety and Health**, 14(2): 33-37.
21. Sithravel, R., Ibrahim, R., Lye, M.S., Perimal, E.K., Ibrahim, N., **Dahlan, N.D.** (2018). Morning boost on individuals' psychophysiological wellbeing indicators with supportive, dynamic lighting in windowless open-plan workplace in Malaysia. **Plos ONE**, 13(11): 1-28. Q1
22. **Nur Dalilah Dahlan**, Mainur Kurmanbekova, Zalina Shari, Amirudin Abdul Aziz. (2019). "Impact of Built Environment on Thermal Perceptions among office Workers in Tropical Low Carbon City: A Physical Inactivity Awareness Assessment" **Alam Cipta** 8(2): 57-73. Index: SCOPUS
23. Zanariah Kasim, Mohd Fairuz Shahidan, Norsidah Ujang, **Nur Dalilah Dahlan**. (2019). "Influence of Landscape Environmental Settings on Outdoor Pedestrian Thermal Comfort in Tropical Climate" **Alam Cipta** 8(2): 74-85. Index: SCOPUS
24. **Dahlan, N.D.**, Ghaffarianhoseini, A. and Hassan, N. (2020), "Sensory and physiological assessment of spatial transient thermal environment changes at a tropical university campus", **Smart and Sustainable Built Environment**, Vol. ahead-of-print No. ahead-of-print. Index: SCOPUS
25. **Nur Dalilah Dahlan** (2021) "Psychophysical adaptation to pre-cooling in transient thermal environments" **Jurnal Kejuruteraan**. 33(3): 425-437. Index: CIJ
26. **Nur Dalilah Dahlan**, Mohd Shahrudin Abd Manan. (2021) "Architecture is gesture: The Ornamentation of Minbars in Selected Old Mosques of Melaka" **Jurnal Kejuruteraan**. 33(3): 691-698. Index: CIJ
27. Bousbia Laiche, **Nur Dalilah Dahlan**, Mohd Fakry Zaky, Zalina Shari. (2021) "A review of the global evidence: Comparison of occupant satisfaction between Green and non-Green certified buildings" **International Journal of Sustainable Tropical Design Research and Practice (Alam Cipta)**.
28. Mohamed, N.A.S., Shari, Z., **Dahlan, N.D.**, Idowu, I.A. (2021) "Architectural sustainability on the impacts of different air-conditioning operational profiles and temperature setpoints on energy consumption: Comparison between mosques with and without hvls fan in the city center mosques" **Journal of Design and Built Environment**, 21(2): 18-37. Index: SCOPUS

Chapters in books

1. **Dahlan, Nur Dalilah**. (2010). Twirling Web. In Nasir Baharudin, Osman Mohd Tahir, Rahinah Ibrahim, (Eds.), *Sustainable Tropical Environmental Design Exhibition 2010* (pp. 46-47). Serdang, Universiti Putra Malaysia. . Index: **Virtual Library museum pages (VLmp)**
2. **Dahlan, Nur Dalilah**. (2010). Slicing Time. In Nasir Baharudin, Osman Mohd Tahir, Rahinah Ibrahim, (Eds.), *Sustainable Tropical Environmental Design Exhibition 2010* (pp. 48-49). Serdang, Universiti Putra Malaysia. . Index: **Virtual Library museum pages (VLmp)**
3. **Dahlan, Nur Dalilah**. (2011). Designing Emotion: Architecture in New Perspective. In Rahinah Ibrahim, Nasir Baharudin (Eds.), *Sustainable Tropical Environmental Design Exhibition 2011* (pp. 16-17). Serdang, Universiti Putra Malaysia. . Index: **Virtual Library museum pages (VLmp)**
4. **Dahlan, Nur Dalilah**. (2011). Spatial Emotions. In Rahinah Ibrahim, Nasir Baharudin (Eds.), *Sustainable Tropical Environmental Design Exhibition 2011* (pp. 26-27). Serdang, Universiti Putra Malaysia. . Index: **Virtual Library museum pages (VLmp)**
5. Abdul Ghafar, Maszura; **Dahlan, Nur Dalilah**; Ismail, Sumarni; Baharuddin, Nasir; Leong, Kam Kuat. (2011). Spatial Thematic Experience. In Rahinah Ibrahim, Nasir Baharudin (Eds.), *Sustainable Tropical Environmental Design Exhibition 2011* (pp. 30-31). Serdang, Universiti Putra Malaysia. . Index: **Virtual Library museum pages (VLmp)**
6. Ismail, Sumarni; Abdul Ghafar, Maszura; **Dahlan, Nur Dalilah**; Yahaya, Hasmira; Baharuddin, Nasir. (2011). Sustainable Siting Strategies. In Rahinah Ibrahim, Nasir Baharudin (Eds.), *Sustainable Tropical Environmental Design Exhibition 2011* (pp. 32-33). Serdang, Universiti Putra Malaysia. . Index: **Virtual Library museum pages (VLmp)**
7. **Dahlan, Nur Dalilah**; Ismail, Sumarni; Abdul Ghafar, Maszura; Baharuddin, Nasir; Kadir, Abdul; Hafizal, Mohammad. (2011). Visuospatially Of Destruction. In Rahinah Ibrahim, Nasir Baharudin

Proceedings

1. Lepun, P, Dahlan, I, **N D Dahlan**. (2002). Kenyah Longhouse in Sarawak: Material, Design and Uniqueness. Confederation of Scientific and Technological Association in Malaysia (COSTAM), Malaysian Science and Technology Congress, Kuching.
2. **N D Dahlan**, Elias Salleh, Puteri Shireen J.K, Azizah Syed Salim, Sumarni I. (2004). Daylighting in Library Design. Proceeding for the regional conference on Regional Conference on Ecological & Environmental Modelling (ECOMOD), Universiti Sains Malaysia.
3. **N D Dahlan**, Elias Salleh, Puteri Shireen J.K, Azizah Syed Salim, Sumarni I. (2005). Daylighting Evaluation in Library Design through Side-lit Window Opening Size. Exhibition of Invention, Research and Innovation, Universiti Putra Malaysia.
4. **N D Dahlan**, Elias Salleh, Puteri Shireen J.K, Azizah Syed Salim, Sumarni I. (2005). Daylighting Evaluation in Library Design through Side-lit Window Opening Size. Proceeding for the National Seminar on Energy in Buildings (NSEB), Univeristi Teknologi MARA, Malaysia.
5. **N D Dahlan**, Jones, P.J. (2006). Literature review on building envelope design in order to control ambient energies transfer. Proceeding for the International Symposium & Exhibition on Sustainable Energy & Environment (ISESEE 2006), Univeristi Teknologi MARA, Malaysia.
6. **N D Dahlan**. (2008). Investigation of integrated indoor comfort factors in typical Malaysian Hostels. 5th Research Student Conference, Welsh School of Architecture, Cardiff University, United Kingdom.
7. Ghaffarian Hoseini, A., **Dahlan, N. D.** (2011). Penetration Of Smart Housing As An Integral Part Of Intelligent Buildings In Urban Areas Of Developing Countries. The First Iranian Student Scientific Conference in Malaysia, Scientific Counselor and Director if Iranian Student Affairs in South East Asia & Universiti Putra Malaysia, Malaysia.
8. **Dahlan, N. D.** (2016). Preferred Temperature In An Air-Conditioned Building: A Climate Chamber Experiment. International Conference on Architecture, Landscape and Built Environment (ICALBE 2016), New Zealand Academy of Applied Research Ltd., Malaysia.
9. Mohamad, N.L., Shari, Z., **Dahlan, N.D.** (2018). Building Envelope Retrofit: Enhancing Energy Performance in Existing Government Office Buildings in Malaysia. 2nd Malaysia University-Industry Green Building Collaboration (MU_IGBC 2018), Malaysia Green Building Council, Malaysia.

Professional Magazine

1. **Dahlan, N.D.** (2005). KEY.T.A.R - 18th Architecture Students Workshop, UPM. **Architecture Malaysia 17(5): 67.**
2. **Dahlan, N.D.**, Abd Manan, M.S., Abdul Ghafar, M., Ismail, S., Baharuddin, N., Ismail, Z. (2011). Contextualizing Popular Culture of Film within the Teaching Model of Architectural Design: The Film Gallery Design Project. **Architecture Malaysia 23(4): 70-77.**

Tool Development & IP application

1. Real time Response Psychophysics mobile survey application (RTR Psyc-P) (2017) - **File no.: LY2017001168**
Including: i) RTR Psyc-P Admin User Manual (2016)
ii) RTR Psyc-P Respondent Manual (2016)
2. Post Occupancy Evaluation - Indoor Perception Survey (2009)
3. PMV modelling tool (C++) (2009)

H (a): NATIONAL AND INTERNATIONAL RECOGNITION (Appointment)			
<i>Name of Institute/ University</i>	<i>Appointment</i>	<i>Project name/ counterpart</i>	<i>Year(s) active</i>
Sekolah Vokasi, Program Studi Teknik Infrastruktur Sipil dan Perancangan Arsitektur, Universitas Diponegoro, Indonesia	Expert Speaker	<i>Experts Speak! The Series</i>	2021
Faculty of Engineering and Built Environment Universiti Kebangsaan Malaysia	Editorial Board Member	Jurnal Kejuruteraan	2020
National Institute of Occupational Safety and Health (NIOSH)	chairperson	Conference and Exhibition on Occupational Safety and Health (COSH 2019) on 26 th to 27 th August 2019 at Kuala Lumpur Convention Centre	2019
National Institute of Occupational Safety and Health (NIOSH)	Jury panel for research oral presentation	5th Scientific Conference on occupational Safety and Health (SciCOSH2018)	2018
(E43) New Zealand Academy of Applied Research Limited (NZAAR)	Keynote Speaker	The 3 rd International Event Series on Natural And Built Environment, Cities, Sustainability & Advanced Engineering	2017
National Institute of Occupational Safety and Health (NIOSH)	Director	Board of Directors	2016-present
National Institute of Occupational Safety and Health (NIOSH)	Board Member	Ahli Jawatankuasa Pembangunan dan Penyelidikan (R&D) NIOSH	2016-present
National Institute of Occupational Safety and Health (NIOSH)	Editorial Board Member	Journal of Occupational Safety and Health (JOSH)	2016-present
Fac. of Art and Social Science, UM	Expert Speaker	Expert talk on Thermal Comfort in hot-humid conditions	2016
International Islamic University Malaysia (IIUM), 50728 Kuala Lumpur.	Judge	IIUM Research Invention and Innovation Exhibition (IRIIE 2013)	2013

H (b): NATIONAL AND INTERNATIONAL RECOGNITION (Review Jobs for International Journals) (from 2017)				
<i>No.</i>	<i>Name of Journal (Publisher)</i>	<i>Manuscript Ref. No.</i>	<i>Manuscript Title</i>	<i>Year</i>
1	Smart and Sustainable Built Environment (Emerald)	SASBE-09-2020-0146	Occupant Behaviours and Building Energy Consumption: A Systematic Review of Influential Factors	2020
2	Journal of Engineering (Jurnal Kejuruteraan) (UKM Press)	37781-119317-1-RV	Residents' Perception of Housing Quality Index for Dwellings' Physical Characteristics in Ado-Ekiti, Nigeria	2020
3	International Journal of Real Estate Studies (INTREST)	CRES-20-0003	Determination of Window-to-Wall Ratio of Fully-Enclosed Residential Courtyard Buildings in Kafanchan	2020
4	Journal of Social Sciences and Humanities (PERTANIKA)	JSSH-5546-2019.R2	Comparison Of Temperature And Humidity Among Traditional Underground And Modern House In Gharyan, Libya	2020
5	Journal of Occupational Health and Safety, NIOSH	AJ/20/01/12	Simple and Low Cost Visual Inspection of Engineering Control in Chemical and Biological Laboratories	2020
6	Journal of Engineering (Jurnal Kejuruteraan)	-	Initial Assessment of Indoor Environmental Condition and Thermal Comfort of Malaysia Heritage Mosque	2019

7	Building and Environment (Elsevier)	BAE-D-19-00372	Evaluating the Adaptability of Vernacular Houses in Yazd to Hot-dry Climate Building and Environment	2019
8	Architectural Science Review (Taylor & Francis)	ASRE-2018-0179	Thermal Comfort in Air-Conditioned Campus Buildings in Kuwait	2019
9	Journal of Thermal Biology (Elsevier)	TB_2018_187	Comparative study on thermal sensation and skin temperature of different transitional spaces with or without air-conditioning in a shopping mall	2018
10	Urban Forestry & Urban Greening (Elsevier)	UFUG_2017_552	Effects of bamboo communities on microclimate and thermal comfort in Hangzhou, China	2018
11	International Journal of Sustainable Tropical Design Research and Practice (ALAM CIPTA) (UPM PRESS)	TDRP-2018-0041	The Impact of Air Gaps on the Performance of Reflective Insulations and Radiant Barriers	2018
12	International Journal of Sustainable Tropical Design Research and Practice (ALAM CIPTA) (UPM PRESS)	TDRP-2017-0017	Revealing the Sustainable Architecture Properties of Traditional Houses of Urla, İzmir	2018
13	Journal of Occupational Health and Safety, NIOSH	AJ/17/12/03	Knowledge, Attitude And Practice Regarding Helmet Usage Among Secondary School Students In Kuantan	2018
14	Tourism Management (Elsevier)	JTMA-D-17-00296	On Linguistic Relativity and Pro-Environmental Attitudes in Tourism	2017
15	Indoor and Built Environment (SAGE)	IBE-16-0315	The Impact of Outdoor Views on Daylighting Performance and Occupancy Rate in Learning Environments	2017

I. CONSULTATION

<i>Project Title</i>	<i>Role</i>	<i>Year Started</i>	<i>Source of fund</i>	<i>Status</i>
Kajian Keberkesanan Latihan Keselamatan Perjalanan ke Tempat Kerja (Safe Commuting)	Expert	2017	NIOSH & PERKESO	Completed
Thermal sensation and bio-meteorological research consultant. Project ID: RP026C-15SBS	Consultant	2016	Universiti Malaya	Completed
Program Latihan Jabatan Kerja Raya Malaysia 2015	Project Member	2015	Jabatan Kerja Raya Malaysia	Completed
Development of International University College of Automotive Malaysia (IUCAM) University Village	Project Member	2010	Glenmarie Properties Sdn. Bhd.	Completed
Continuous Non-Intrusive Measures of Fatigue Levels among Electronics Manufacturing Industry Shift Workers in Malaysia	Advisor	2018	NIOSH	Completed

J. ADMINISTRATIVE RESPONSIBILITIES AND MEMBERSHIPS IN COMMITTEES (Faculty of Design and Architecture and UPM)				
<i>Tasks</i>	<i>Organizer</i>	<i>Role</i>	<i>Start date (and end date)</i>	
Housing Research Centre Newsletter Editorial Board	UPM	Editorial member	2011 - 2012	
Ahli jawatankuasa Bengkel Penulisan Abstrak Stedex	Bengkel Penulisan Abstrak Stedex 2010, FRSB	Facilitator	2010	
Ahli jawatankuasa Kajian Penerbitan RU	FRSB, UPM	Committee Member	2010	
Ahli Jawatan kuasa semakan kertas peperiksaan akhir semester 2 2009/2010	Dept. of Architecture	Exam paper reviewer	2010	
International Conference on Sustainable Tropical Environmental Design (SusTED '10)	FRSB, UPM	Committee Member	2010	
Pembentukan Kurikulum Program Master Senibina (M.Arch)	FRSB, UPM	Penyelaras	2010	
Ahli Jawatan kuasa semakan kertas peperiksaan akhir	Dept. of Architecture	Head	2011	
Jawatankuasa Penyelidikan Fakulti Rekabentuk dan Senibina	FRSB, UPM	Coordinator	2011	
International Journal on Sustainable Tropical Design Research and Practice (Alam Cipta)	FRSB, UPM	Editor-in-Chief	2011	
Panel Penilai Permohonan Geran RUGS inisiatif 2	FRSB, UPM	Reviewer	2011	
International Conference on Sustainable Tropical Environmental Design (SusTED '11)	FRSB, UPM	Secretary	2011	
International Conference on Sustainable Tropical Environmental Design (SusTED '13)	FRSB, UPM	Editor	2013	
International Conference on Sustainable Tropical Environmental Design (SusTED '15)	FRSB, UPM	Editor & Head of Scientific Committee	2015	
Ahli jawatankuasa Pengajian Siswazah Fakulti	FRSB, UPM	Committee Member	2015	
Alam Cipta Vol. 8 (Special Issue 2) Dec. 2015	FRSB, UPM	Guest co-Editor	2015	
Talent Pool Group UPM	UPM	Member	2015	
Panel Penilai Permohonan Skim Geran Penyelidikan Peringkat Universiti Tahun 2016- 2017	UPM	Reviewer	2016	
Sesi Temuduga Pengambilan Pelajar Baharu Semester 1 (2017/18)	FRSB, UPM	Panelist	2017	
Panel penilai bagi anugerah fellowship Naib Canselor kategori Penyelidikan dan Inovasi (AFNC-KPI) MGAP	UPM	Assessor	2018, 2019 & 2020	
Ahli Jawatankuasa Inisiatif Hijau Hospital Pengajar UPM	UPM	Member	2020	
K. PROJEK PENYELIDIKAN TERDAHULU (Past Research Project)				
<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
Passive Cooling Strategies Adopted From Vernacular Aborigine Settlements In Gombak (No. Project: 05-02-10-0943RU) (No. Pusat Kos: 91948) Total cost: RM52,000	Project Leader	2010-2012	RUGS	Completed
Thermal Pleasure (Alliesthesia) Investigations (Research Class: C2078)	Research Associate	2012 - 2014	Discovery Project (Australia)	Completed

(Project no.: A7675) Total cost: AUD 200,000				
Investigation of Office Occupant's Psychophysical Responses In Transient Environments (No. Project: GP-I/2014/9442700) (No. Pusat Kos: 9442700) Total cost: RM77,300	Project Leader	2015-2017	Geran Universiti Putra Malaysia 2015	Completed
The Impact Of Ventilation Mode On Indoor Environmental Quality Performance And Occupants' Satisfaction In Malaysian Shopping Malls (No. Project: GP-IPS/2015/9455800) (No. Pusat Kos: 9455800) Total cost: RM15,000	Member	2015-2017	Geran Universiti Putra Malaysia 2015	Completed
Adaptive Tropical Daytime Indoor Illuminance that Supports Circadian, Mood and Visual Functions to Enhance Human's Psychophysiological Wellbeing Total cost: RM15,000	Member	2016-2019	Geran Universiti Putra Malaysia 2016	Completed
Psychophysical Influences on Office Worker's Willingness to Walk in Tropical Low Carbon Cities (No. Project: UPM/700-2/GP/2017/9553300) (No. Pusat Kos: 9553300) Total cost: RM50,000 Tambahan dana daripada: Peruntukan Dana Universiti Penyelidikan (No. Pusat Kos: 9201800) Total cost: RM14,000	Project Leader	2017-2019	Geran Universiti Putra Malaysia 2017	Completed
Kitchen Ergonomics Guideline for Cook's Safety and Comfort in Malaysian Commercial Kitchens (No. Project: FRGS/1/2019/SSI11/UPM/02/1) (No. Pusat Kos: 5540263) Total cost: RM47,500	Project Leader	2019 - 2021	FRGS	On Going
Airflow Characteristics and Behaviour around Openings with various types of Shading Elements (No. Project: FRGS/1/2019/TK10/UKM/02/4) Total cost: RM134,037	Member	2019 - 2022	FRGS	On Going

L(a). RESEARCH SUPERVISION ROLES

Type	Student Name	Thesis Title	Role	Year started	Status
PhD					
1	Amirhosein Ghaffarian Hoseini	Penetration of Smart Housing as an Integral Part of Intelligent Buildings in Urban Areas of Developing Countries	Main Supervisor	2011	Graduated (2013)
2	Ari Siswanto	The Role of South Sumatra Traditional Architecture in Sustainable Development	Co-supervisor	2010	Graduated (2013)

3	Ibiyeye Aminat Idowu	Thermal comfort performance in existing commercial buildings in Malaysia	Co-supervisor	2015	Graduated (2017)
4	Nor Shahrene binti Mohd Ibrahim	Attitude and Behavioural Factors in Employing Computer as a support tool during Early Design Process for Architects in Malaysia	Co-supervisor	2010	Graduated (2012)
5	RatnaKala Sithravel	Intelligent naturally adaptive environment enhancing occupant's psychophysiological wellbeing through integrated indoor environment attributes for healthy building design	Co-supervisor	2015	Graduated (2018)
6	Zanariah Kasim	Effects of Landscape Settings on Microclimate in Enhancing Pedestrian Thermal Comfort in Tropical Campus Environment	Co-supervisor	2017	Graduated (2019)
7	Fatemeh Deldarabdo Imaleki	Impact of Different Window to wall ratio on the human visual, thermal comfort & building's energy consumption in tropical interior spaces.	Main Supervisor	2017	On going
8	Murni Illani Jamaludin	The Design of Safety Hazard Risk Assessment Matrix on Construction Industry in Malaysia	Co-supervisor	2017	On going
9	Abdelfateh Bousbia Laiche	Indoor Environment Quality Influences on Occupants' Quality of Life in Green and Conventional Office Buildings in Klang Valley	Main supervisor	2019	On going
10	Yakubu Yau Gital	Thermal sensation on Occupants' thermal comfort in transitional hospital condition	Main supervisor	2021	On going
11	Asma Khalid	Air borne transmission of indoor air pollutants using various modes of ventilation: a case study of Lahore, Pakistan	Main supervisor	2021	On going
12	Xu Zixin	Green building preference monitoring using virtual reality	Main supervisor	2021	On going
MS					
1	Lai Wee Lik	Passive Energy Behaviour in Reference to Selected Aborigine Settlements in Malaysia	Main supervisor	2010	-
2	Danial Goshayeshi	What is the Level of Thermal Comfort under Performance of Translucent Roofing Sheet in Malaysian Daytime Climate?	Co-supervisor	2011	Graduated (2013)
3	Saaeed A. Neema	The Evaluation of Radiant Cooling System through Occupants' Satisfaction at the Energy Commission Building in Putrajaya	Main supervisor	2011	Graduated (2013)
4	Sahar Sojoudi	Visual comfort level in Malaysian secondary school classrooms under natural day-lighting condition	Co-supervisor	2012	Graduated (2014)
5	Mainur Kurmanbek ova	Thermal Perception And Willingness To Walk Among Office Workers In Tropical City Of Putrajaya	Main supervisor	2020	Graduated (2020)
6	Noor Laily Mohamad	Building Envelope Retrofit: Enhancing Energy Performance in Existing Government Office Building in Malaysia	Co-supervisor	2014	Graduated (2021)
7	Mani Bigdeli	Environmentally Responsive Tropical Bamboo Shelter	Main supervisor	2015	Graduated (2018)
8	Yakubu Yau Gital	Investigations on thermal sensation and comfort in transient warm-	Main supervisor	2015	Graduated (2016)

		neutral-warm conditions			
9	Zarfany Binti Abdul Hadi	The Effects of Kitchen Ergonomics Design on Cook's Safety and Comfort Perceptions in Malaysian Commercial Kitchens	Main supervisor	2018	On Going
10	Nur Amalina Syairah Mohamed	An Investigation Into Roof Design And Energy Consumption For Air Conditioned Mosque In Klang Valley, Malaysia	Co-supervisor	2018	On Going
11	Aazami Arman	The Impact Of Windows Size Design On Day Lighting And User Satisfaction In University Libraries: A Case Of Study University Putra Malaysia Libraries	Co-supervisor	2018	On Going
12	Muhammad Fahmi Bin Roslan	Reducing Energy Consumption Of Controlled Environment Agriculture To Enhance Commercial Viability For Agribusiness In Malaysia	Co-supervisor	2018	On Going

L(b). THESIS EXAMINATION COMMITTEE MEMBER

<i>No</i>	<i>Student Name</i>	<i>Thesis Title</i>	<i>Examiner Role</i>
PhD			
1	Junainah Abu Kasim	A Prediction Model of Urban Green Space Changes Pattern in Mitigating Urban Heat Island Effects in Kuala Lumpur City, Malaysia	Internal examiner (2020)
2	Liyana Hasnan	Developing Islamic Architecture Syllabus as Pedagogical Tool to Facilitate Critical Dialogue of the History Theory Discourse	Chairperson (2019)
3	Mahboubeh Rakhshanifar	Place-based Assessment of Sociability of Shopping Streets in Kuala Lumpur City Centre, Malaysia	Chairperson (2019)
4	Bibi Khairani Binti Mohamed Sabri	Compliance To Setback Regulation Among Homeowners Of Terrace And Semi-Detached Homes In Hulu Langat District, Selangor, Malaysia	Chairperson (2018)
5	Roosbeh Arabi	Assessment of Vegetation Cooling Effect Through the Application of Green Roofs in Campus Environment	Internal examiner (2018)
6	Ahmad Abedini	Designing for users culture: a case study of product design for people in Iran	Chairperson (2016)
7	Dania Sammani	Sustainable Built Environment Factors and Facility Management Practices for Nurturing Sustainable Behaviour of University Employees	Internal examiner (2016)
8	Navid Nasrolah Mazandrani	Developing an industrialized sewerage treatment plant system for reducing water contamination at water village in Sabah	Chairperson (2016)
9	Mehdi Rakhshan-dehroo	Establishing a New Classification of Urban Open Green Spaces for Malaysian Cities	Chairperson (2016)
10	Zeinab Aliyas	The impact of neighborhood safety on leisure walking: a case study of Bandar Baru Bangi, Malaysia.	Chairperson (2016)
11	Masoud Dalman	Influences of wind and humidity on thermal comfort in urban canyons of Bandar Abbas, Iran	Internal examiner (2011)
Master Science			
1	Ali M. Khan	Pedestrian wind comfort level in residential complex.	Internal examiner (2020)
2	S.M. Jubaer	Window Blind Operations And Their Relationships With Physical Factors And Occupants' Behavior: A Case Study Of A Green-Certified Office Building In Malaysia	Internal examiner (2019)
3	Fatemeh Deldarabdolmal-eki	Proposing Optimized Angle of Venetian Blind for Different Working Hours in Malaysian Office	Internal examiner (2016)

4	Ali Sadeghi Hariri	The effects of solar radiation on thermal environment of courtyard spaces in Yazd during summer	Internal examiner (2012)
5	Ooi Siew Choong	Cultural and Religious Satisfaction of Hindu Residents Towards Spatial Layouts of 3 Low-Cost Flats in Puchong, Selongor	Internal examiner (2014)
6	Nastaran Jafari	Evaluating Public Expectation on Physical and Functional Factors of Community Center Design in Kuala Lumpur	Chairperson (2015)
7	Nayeem Asif	Evaluating the Role of Mosque in Community Development	Chairperson (2015)
8	Ahmad Hafizd Bin Hitam	The Evaluation of Building's Defect using the Industrialised Building System (IBS) in Comparison to the Conventional Delivery on Students Accommodation Building in Universiti Putra Malaysia	Internal examiner (2015)
9	Toong Yong Seng	Evaluating User's Preference on Heritage Buildings of Old Shophouse Facades in Kuala Lumpur Chinatown	Chairperson (2015)
10	Amin Ghasghaei (Universiti Malaya)	Healing Environment: Evaluating Cool Colours in Indoor Public Spaces as Environmental Stimulus for the Elderly	External examiner (2015)
11	Aidatul Aida Ahmad Kushairi (Universiti Malaya)	Perception of Human Comfort for General Wards I Government Hospital HKL: A Case Study.	External examiner (2015)

M. SELECTED COURSES (since 2005)

<i>Code</i>	<i>Course Title</i>	<i>Credit</i>
ARC5910	Research Methodology	3 (2+1)
ARC4910	Design Integration	2(2+0)
ARC3601	Environmental Physics 2	2(2+0)
ARC3600	Environmental Physics 1	2(2+0)
ARC3311	Materials and Building Construction 1	2(2+0)
ARC3210	History of Southeast Asian Architecture	3(3+0)
ARC3016	Architecture Studio 6	6(0+6)
ARC3015	Architecture Studio 5	6(0+6)
ARC3014 / ARC3003	Architecture Studio 4	6(0+6)
ARC3013 / ARC3002	Architecture Studio 3	6(0+6)
ARC3000	Architecture Studio 1	5(0+5)

Total teaching credit hours: 140

Total number of different courses: 14