

CURRICULUM VITAE



Personal Particular

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Program teach : Industrial Design
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Faculty of Art & Design
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Age : 50
DOB : 16 February 1972
Sex : Male
Marital status : Married
Fazilawati Binti Othman (Wife, age of 47, work as a Clerk Officer at KWSP, Shah Alam)
Nur Anina Binti Shahrman (Daughter, age of 22)
Nur Anisa Binti Shahrman (Daughter, age of 21)
Ahmad Ikmal Bin Shahrman (Son, age of 13)
Ahmad Iskandar Bin Shahrman (Son, age of 12)
Nationality : Malaysian
Language spoken : Malay/English/Nynorsk
Written : Malay/English/Nynorsk
ORCID iD : <https://orcid.org/0000-0002-6752-3709>
Citations : 624 (Google Scholar)/ 139 (SCOPUS)/ 54 (WoS)
h-index : 15 (Google Scholar)/ 6 (SCOPUS)/ 5 (WoS)
i10-index : 18 (Google Scholar)

Educational Background

2006 – 2012 PhD in Industrial Design Engineering (Design Methodology)
(Norwegian University of Science and Technology, Norway)
- Title of trial lecture: A re-evaluation of the design thinking and role demarcation in automotive design from concept design to engineering sign off, with respect to the contents and significance of qualitative methods.
- Title of thesis: Practice-based design thinking for form development and detailing.

1999 – 2000	MA in Automotive Design with Merit (Coventry University, United Kingdom)
1997	Bachelor of Design (Industrial) with CGPA 3.31 (Universiti Teknologi MARA, Malaysia)
1991 – 1995	Diploma in Art and Design (Industrial Design) with CGPA 3.31 (Institut Teknologi MARA, Malaysia)
1985 – 1989	SPM grade 1 (Sek. Men. Sultan Abdul Aziz, Teluk Intan) SRP grade A (Sek. Men. Sultan Abdul Aziz, Teluk Intan)

Student Awards

Best Student of Semester 06 Industrial Design Department (January-June 1994), Best Student of Semester 05 Industrial Design Department (July-December 1993)

Dean's list in semester 08 with GPA 3.51, Dean's list in semester 06 with GPA 3.68, Dean's list in semester 05 with GPA 3.73

Co-curriculum

2nd Degree Black Belt in International Taekwon-do Federation (ITF)

Extra-curricular Activities

President, Malaysian Students Society of Norway (2006-2009)

Advisor, Persatuan Taekwon-Do (ITF) UiTM (2015-current)

Area of Expertise

Industrial Design

Teaching Interest

Design Methodology, Industrial Design Research, Interaction Design

Research Interest

Formgiving (Syntactic, Pragmatic, and Semantic)

Professional Appointment

Visiting Professor for Industrial Design and Design Thinking at the Warsaw University of Life Sciences (WULS) in Poland (2020/2021)

Visiting Professor and External Examiner for Education (Visual Art) program at the Management & Science University (MSU) (2018-2020)

External Examiner for BA (Hons) Furniture and Product Design at the First City University College (2018-2020)

Committee Member for Board of Studies (BoS) for Bachelor in Furniture Design (Hons) at the Universiti Kuala Lumpur under the Malaysia Italy Design Institute (UniKL MIDI) (since 2019)

Member of the Assessing Panel (Ahli Panel Penilai) for Malaysian Qualification Agency (MQA) (since 2018)

Affiliate Member of the Chartered Society of Designers (Membership no: 018173) (Nov. 2016-Oct. 2021)

Design Thinking Innovation Ambassador for Malaysia appointed by Genovasi Malaysia (since 2018)

Jury for Malaysia Technology Expo Awards (MTE) 2019, Kuala Lumpur

Editorial Panel for Proton Engineering Internal Journal 2016/2017 in Malaysia, Editorial Panel for Proton Engineering Internal Journal 2014/2015 in Malaysia, Editor-In-Chief for i-CADER 2015 in Malaysia, Editor for ISRADH 2014 in Malaysia, Editor for i-CADER 2014 in Malaysia

Scientific Reviewer for ICED 2021 in Sweden, Scientific Reviewer for E&PDE 2021 in Denmark, Scientific Reviewer for ICED 2019 in Netherlands, Scientific Reviewer for E&PDE 2018 in United Kingdom, Scientific Reviewer for E&PDE 2017 in Norway, Scientific Reviewer for E&PDE 2016 in Denmark, Scientific Reviewer for ICED 2015 in Italy, Scientific Reviewer for E&PDE 2015 in United Kingdom, Scientific Reviewer for DESIRE 2011 in Netherlands, Scientific Reviewer for ACM Creativity & Cognition 2011 in USA, Scientific Reviewer for NordDesign 2006 in Iceland

Awards / Achievements

'One of the Most Distinguish Papers' Award
Event: 8th International Conference on Research in Design (ICoRD 2021), Mumbai, India
Paper Title: A case for Intuition-Driven Design Expertise.

Anugerah Akademik UiTM 2019 (UiTM Academic Awards 2019)
Category: *Sains Sosial dan Kemanusiaan* (Social Science and Humanity Category)
Name of Award: *Anugerah Penyelidik Terbaik* (The Best Researcher Award)
Awarded by: Universiti Teknologi MARA (UiTM)

Gold Medal Award for Invention, Innovation & Design Exposition (iindex2018)
Category: Design
Name of Product: PROTON Design DNA Product Identity (Project collaboration between UiTM and Proton Holdings Berhad)
Awarded by: Universiti Teknologi MARA (UiTM)

Gold Medal Award for Invention, Innovation & Design Exposition (iindex2017)

Category: Design

Name of Product: EZ Plas for Children Hand Fracture (Project collaboration between UiTM and KPJ Klang Specialist Hospital)

Awarded by: Universiti Teknologi MARA (UiTM)

Best Paper Award – Design Category

Event: 2nd Art and Design International Conference 2016 (2nd AnDIC2016), Shah Alam, Malaysia

Paper Title: Design Elements: The Interaction of Elderly People on Product Interfaces.

Silver Medal Award for Invention, Innovation & Design Exposition (iindex2016)

Category: Design

Name of Product: Proximal interphalangeal Joint Injury Treatment: Faisal & Shahriman Device (Project collaboration between UiTM and KPJ Klang Specialist Hospital)

Awarded by: Universiti Teknologi MARA (UiTM)

WIPO-MyIPO Award for Industrial Designs 2014

Category: WIPO-MyIPO Award for Industrial Design

Certification for organization: Universiti Teknologi MARA

Awarded by: World Intellectual Property Organization (WIPO)

Anugerah Harta Intelekt Negara 2014 (National Intellectual Property Award 2014)

Category: Industrial Design (First Prize)

Name of Product: CloneCase for Modern Agriculture

ID/Patent register: MyIPO

Awarded by: Kementerian Perdagangan Dalam Negeri Koperasi dan Kepenggunaan (KPDNKK); and Perbadanan Harta Intelekt Negara (MyIPO)

Anugerah Akademik UiTM 2013 (UiTM Academic Awards 2013)

Category: *Penerbitan Buku* (Book Publication)

Name of Book: *Seni Reka Perindustrian Daripada Idea Kepada Lakaran*.

Awarded by: Universiti Teknologi MARA (UiTM)

Malaysia Design Competition 2012

Category: Professional (Second Prize)

Name of Product: CloneCase for Modern Agriculture

Intellectual Property: Industrial Design Registration at the MyIPO

Awarded by: Ministry of Science, Technology and Innovation (MOSTI); and Malaysia Design Council (MRM)

Best Paper Award – ICED11 Reviewers' Favourite

Event: 18th International Conference on Engineering Design (ICED'11), Copenhagen, Denmark

Paper Title: Understanding styling activity of automotive designers: A study of manual interpolative morphing through freehand sketching.

Best Paper Award – Social Science Category

Event: CSSR 2005, Kuala Terengganu, Malaysia

Paper Title: *Kaedah melakar untuk diterjemahkan dalam bentuk lukisan cadangan seni reka perindustrian.*

Malaysia Young Designer Award 2004

Category: Professional (Consolation)

Name of Product: Third brake light for disabled vehicle

Intellectual Property: Industrial Design Registration at the MyIPO

Awarded by: Ministry of Science, Technology and Innovation (MOSTI); and Malaysia Design Council (MRM)

Research

- 2019-2022 *Spatial profiling local features on prominent items that reflect branding properties of Malaysian product design identity.*
Role: Principal Investigator.
This research is still in progress and being carried-out together with Rusmadiyah Anwar, and Verly Veto Vermol.
The value of grant is RM115,000.00, sponsored by the MOE (FRGS Grant).
- 2019-2022 *Profiling Metaphorical Elements of Cyber-Physical Systems Concept in Product Design Innovation.*
Role: Team Member.
This research is still in progress and being carried-out together with Assoc. Prof. Dr. Rusmadiyah Anwar, and Dr. Verly Veto Vermol.
The value of grant is RM83,200.00, sponsored by the MOE (FRGS Grant).
- 2018-2021 *Improving Malaysian HE Knowledge towards a Wood and Furniture Industry4.0 - MAKING4.0 (under the E+ Capacity Building in Higher Education).*
Role: Principal Investigator.
This research is still in progress and being carried-out together with Azmi Ibrahim, Aruan Efendy Mohd Ghazali, Mohammad Azroll Ahmad, Shahril Anuar Bahari, and Mohd Shaleh Mujir.
The value of grant is €101.991,00 or RM489,382.40 (sub-project) under €947.450,00 or RM4,546,140.00, sponsored by the European Commission under the European Union programme (ERASMUS+ Grant).
- 2017-2019 *Modelling innovative brand identity product design character traits based on keris syntactic properties.*
Role: Principal Investigator.
This research is still in progress and being carried-out together with Rusmadiyah Anwar.
The value of grant is RM50,000.00, sponsored by the UiTM (BESTARI Research Grant).
- 2017-2018 *3D design development and modular body framework fabrication of autonomous vehicle prototype under the program of Urban Intelligent Mobile Autonomous Vehicle (UiTM-AV1).*
Role: Principal Investigator.
This research is still in progress and being carried-out together with Mohd Shaleh M. Mujir, D'zul Haimi Md Zain, Rusmadiyah Anwar, Wan

Zaiyana Mod Yusof, Abu Bakar Abd. Aziz, and Muhammad Hasri Abdul Rahim.

The value of grant is RM145,000.00 (sub-project grant) under RM679,730.00 (program grant), sponsored by the MOHE (Translational Research Grant).

- 2017-2019 *The effect of visual conspicuity angle on road sign target.*
Role: Team Member.
This research is still in progress and being carried-out together with Chen Ai Hong, and Saiful Azlan Rosli.
The value of grant is RM20,000.00, sponsored by the UiTM (MITRA Research Grant).
- 2017-2018 *Pendekatan kreatif meningkatkan visibiliti dan kolaborasi – HDC. (Portugal)*
Role: Principal Investigator.
This research is still in progress and being carried-out together with Zulkiflee Abd Latif.
The value of grant is RM15,000.00, sponsored by the UiTM (LESTARI Research Grant).
- 2017-2018 *Modelling ecodesign form: the novice designer practices an ecological form in Malaysian universities.*
Role: Principal Investigator.
This research is still in progress and being carried-out together with Mohd Hasni Chumiran.
The value of grant is RM25,000.00, sponsored by the UiTM (GIP Research Grant).
- 2015-2017 *Advanced digital design prototyping for manufacturing of exclusive wood carving furniture products.*
Role: Team Member.
This research is still in progress and being carried-out together with Mohd Shaleh M. Mujir, Oskar Hasdinor Hassan, Rusmadiyah Anwar, Abu Bakar Abd. Aziz, and Muhammad Muizzuddin Darus.
The value of grant is RM200,000.00, sponsored by the MOHE (PRGS Grant).
- 2015-2017 *Pemantapan ikonografi seramik berteraskan warisan Melaka melalui perkongsian pintar academia-pengusaha serta pemangkin perubahan (Graduan Intern).*
Role: Principal Investigator.
This research is still in progress and being carried-out together with Oskar Hasdinor Hassan, Rusmadiyah Anwar, Verly Veto Vermol, and Mohamad Rizal Salleh.
The value of grant is RM73,500.00, sponsored by the MOHE (KTP Flagship Industry Grant).
- 2015-2017 *Reka bentuk modular komponen bagi fabrikasi badan bas elektrik (EBUS) di AMDAC (M) Sdn Bhd melalui strategik reka bentuk integrasi.*
Role: Team Member.
This research is still in progress and being carried-out together with Mohd Shaleh M. Mujir, Oskar Hasdinor Hassan, Rosmadi Ghazali, and Abu Bakar Abdul Aziz.

	The value of grant is RM155,493.00, sponsored by the MOHE (KTP Flagship Industry Grant).
2014-2016	<i>Formgiving design.</i> Role: Principal Investigator. This research is still in progress and being carried-out together with Rafeah Legino, Harrinni Md Noor, Rusmadiyah Anwar, Muhamad Fairus Kamaruzaman and Verly Veto Vermol. The value of grant is RM32,000.00, sponsored by the RMI, UiTM (REI Grant).
2014-2016	<i>Islamic metaphor design theory.</i> Role: Team Member. This research is still in progress and being carried-out together with Nurul Shafinaz Ibrahim, Rusmadiyah Anwar, and Verly Veto Vermol. The value of grant is RM50,000.00, sponsored by the MOHE (RAGS Grant).
2013-2016	<i>Advanced styling DNA in galvanized iron compound mould forming.</i> Role: Principal Investigator. This research is still in progress and being carried-out together with Oskar Hasdinor Hassan, Natrina Mariane P. Toyong, and Noor Azlina Mohamed Khalid. The value of grant is RM60,000.00, sponsored by the MOHE (ERGS Grant).
2012-2015	<i>The attractiveness and situation command to design approach in Malaysia automotive design.</i> Role: Team Member. This research is still in progress and being carried-out together with Mohammad Hariri Abdullah, Norhayati Che Daud, and Nor Azmi bin Shahlal. The value of grant is RM50,000.00, sponsored by the MOHE (ERGS Grant).
2012-2014	<i>Formgiving characteristics in automotive design.</i> Role: Principal Investigator. This research is still in progress and being carried-out together with Mohammad Hariri Abdullah and Mohd Norhan Dulkahar. The value of grant is RM20,000.00, sponsored by the UiTM (RMI Grant).
2004-2011	<i>Kajian mengenai aspek ergonomik dan reka bentuk terhadap alatan tangan (Hand tools) dalam aktiviti pembuatan barangan kraf seramik di dalam industri sederhana (IKS) di Perak dan Sarawak.</i> Role: Team Member. This research has been carried-out together with Muhammad Fauzi Zainuddin and Azhari Md Hashim. The value of grant is RM20,000.00, sponsored by the UiTM (IRDC Grant).
2004-2005	<i>Mengenalpasti kesesuaian perisian 3D modelling software computer aided design yang diguna pakai di sektor industri dan institut pengajian tinggi tempatan untuk pembelajaran pelajar diploma seni reka perindustrian di UiTM Kedah.</i>

Role: Team Member.

This research has been carried-out together with Azhari Md Hashim, Muhammad Fauzi Zainuddin, and Mazlan Majid.

The value of grant is RM18,718.30, sponsored by the UiTM (IRDC Grant).

2002-2004

Kaedah melakar untuk diterjemahkan dalam bentuk lakaran seni reka perindustrian.

Role: Principal Investigator.

This research has been carried-out together with Marzuki Hj. Ibrahim.

The value of grant is RM10,000.00, sponsored by the UiTM (IRDC Grant).

Consultation

2019-2020

Project: Redesigning of Wildlife (PERHILITAN) brand.

Jabatan Perlindungan Hidupan Liar dan Taman Negara Semenanjung Malaysia (PERHILITAN)

Position: Consultant

Duration: 1 year

Income generation: RM12,000.00

2018-2020

Project: Kuala Lumpur International Student Housing (KLISH)@UTMCity.

Yayasan Raja Zarith Sofiah Negeri Johor

Position: Consultant

Duration: 2 years

Income generation: Nil

2016-2017

Project: Training.

2nd Summer School On Design Sciences Research

Position: Organizer

Duration: 1 week

Income generation: RM40,000.00

2016

Project: P515 Prototype Market Survey for MODENAS year of 2016 Motorcycle Design.

Motosikal Dan Enjin Nasional Sdn. Bhd. (MODENAS)

Position: Consultant

Duration: 2 days

Income generation: RM8,734.40

2015-2016

Project: Training.

1st Summer School On Design Sciences Research

Position: Organizer

Duration: 1 week

Income generation: RM50,000.00

Postgraduate supervision

2017-2020

Azrina Zizal Abdul Aziz

PhD (Full-time)/UiTM (Ongoing)

Role: Main Supervisor

Topic: Profiling the attributes of Keris design characteristics towards the potential core values for Malaysian product branding

2017-2020	Mohd Hasni Chumiran PhD (Full-time)/UiTM (Ongoing) Role: Main Supervisor Topic: Semantics design thinking morphs an intangible ecological form to emerge conceptual of ecodesign identity
2016-2020	Roslaili Anuar PhD (Full-time)/UiTM (Completed) Role: Main Supervisor Topic: Facilitating art and design education students of artistic skills, technological, pedagogical, and content knowledge through TPSACK courseware
2015-2018	Norhidayah Md. Zainuddin PhD (Full-time)/UiTM (Ongoing) Role: Main Supervisor Topic: The impact of metaphorical form element in design structure Identity
2015-2018	Natrina Mariane P Toyong PhD (Full-time)/UiTM (Completed) Role: Main Supervisor Topic: Visual reference model in Malaysian industrial design practice
2013-2016	Muhammad Jameel Mohamed Kamil PhD (Full-time)/UiTM (Completed) Role: Main Supervisor Topic: Understanding designer design activity towards the unconscious interaction between human cognition and behaviour in everyday product
2013-2016	Rusmadiyah Anwar PhD (Full-time)/UiTM (Completed) Role: Main Supervisor Topic: Syntactic pattern used by different level of designer by laboratory-based studies for critical design situations
2013-2016	Verly Veto Vermol PhD (Full-time)/UiTM (Completed) Role: Main Supervisor Topic: Associating blind user-designer product experience through design activities
2013-2016	Zainudin Siran PhD (Full-time)/UiTM (Completed) Role: Main Supervisor Topic: Design for elderly: Investigating usability interaction deficiencies
2015-2018	Saifullizan Abdul Wahab MA by Research (Part-time)/UiTM (Completed) Role: Main Supervisor Topic: The factors that influence the designer preferences in deciding vehicle interior color scheme

2013-2015	Mohd Azlizan Jamaludin MA by Research (Part-time)/UiTM (Completed) Role: Main Supervisor Topic: A case study on the impact of PDRM Mobile Patrol Vehicle visual identity
2013-2015	Mohd Hasni Chumiran MA by Research (Full-time)/UiTM (Completed) Role: Main Supervisor Topic: The impact of 3R's element creation on ecological form of eco-design in Malaysia
2013-2015	Faten Ezrin Azhar MA by Research (Full-time)/UiTM (Completed) Role: Main Supervisor Topic: Understanding life cycle trend of color and trim for car interior design
2012-2014	Abu Hanifa Ab Hamid MA by Research (Full-time)/UiTM (Completed) Role: Main Supervisor Topic: Noisy product: Users response on form design
2012-2014	Mohd Saipuddin Mohd Hasbullah MA by Research (Full-time)/UiTM (Completed) Role: Main Supervisor Topic: Recognisability of pictographs on electrical product surface amongst Malaysian consumers
2011-2012	Sharel Abdul Wahid MA (Part-time)/Universiti Sains Malaysia (USM) (Completed) Role: Co-supervisor Topic: The study of scooter design that suite with university students choices

External/Internal examiner (Postgraduate)

2021	Siti Adilah Sabarudin MSc/Universiti Kebangsaan Malaysia (UKM) Role: External Examiner Topic: <i>Pembinaan modul pengajaran sendiri berdasarkan sikap terhadap sains dan tahap penaaakulan saintifik pelajar program sains bahan UKM</i>
2020	Yang Zongrui MSc/Universiti Putra Malaysia (UPM) Role: External Examiner Topic: Study on familiarity, unfamiliarity and likings through the implementation of chinese traditional culture to the digital product designs
2020	Nurlisa Tajul Rosli MSc/Universiti Putra Malaysia (UPM) Role: External Examiner Topic: Development of a biodegradable cat deterrent using natural

based material for ailurophobes

- 2020
Thenmoli A/P Thuluganam
MA/Universiti Sains Malaysia (USM)
Role: External Examiner
Topic: *Potensi habuk kayu dan kertas kitar semula sebagai alternative kepada bahan konstruktif Eko untuk reka bentuk produk*
- 2019
Nuur Hafizah Ramdan
MSc/ International Islamic University Malaysia (IIUM)
Role: External Examiner
Topic: A study on food truck kitchen spatial layout in Klang Valley
- 2019
Norhaniyah Yusof
Master of Education (Arts)/Universiti Pendidikan Sultan Idris (UPSI)
Role: External Examiner
Topic: *Pelaksanaan kit batik dalam pengajaran dan pembelajaran pendidikan seni visual bagi tingkatan 3 di daerah Hilir Perak*
- 2019
Yeeni Ayu Rosita Marjani
MA/ Universiti Malaysia Sarawak (UNIMAS)
Role: External Examiner
Topic: *Hampas sagu sebagai sumber alternatif dalam reka bentuk automotif*
- 2018
Suhad H.M. Humidan
PhD/Universiti Malaysia Sarawak (UNIMAS)
Role: External Examiner
Topic: The characteristics of the Palestinian poster from 1965 to 2017
- 2018
Jazmin Mohamad Jaafar
PhD/Universiti Malaysia Sarawak (UNIMAS)
Role: External Examiner
Topic: The attributes of *Asmaul Husna* as a conceptual model towards Islamic furniture design assessment
- 2018
Yeoh Pui See
PhD/Limkokwing University of Creative and Technology
Role: External Examiner
Topic: Green design packaging for fresh product using oil palm waste
- 2018
Chen Mobai
PhD/Limkokwing University of Creative and Technology
Role: External Examiner
Topic: Using Two-Dimensional animation to disseminate Confucianism to non-Mandarin speaking countries
- 2018
Mao Xiao Meng
PhD/Limkokwing University of Creative and Technology
Role: External Examiner
Topic: Development and application of immersive technology in furniture design industry
- 2017
Mohd Alif Ikrami Mutti
MA (Fine Art)/Universiti Sains Malaysia (USM)

	Role: External Examiner Topic: <i>Kriteria reka bentuk hentian bas: Kajian kes di kampus induk Universiti Sains Malaysia (USM)</i>
2017	Azman Ab. Rahim @ Ibrahim Master of Education (Arts)/Universiti Pendidikan Sultan Idris (UPSI) Role: External Examiner Topic: <i>Kaedah pembelajaran koperatif Model STAD meningkatkan pencapaian pelajar dalam penghasilan catan air</i>
2017	Baharudin Shamsuddin MA (Fine Arts Studies)/Universiti Pendidikan Sultan Idris (UPSI) Role: External Examiner Topic: <i>Apresiasi karya 'Fork Art' Zahir Yusof dalam persekitaran sosial masyarakat masa kini</i>
2017	Soovirehn A/L Epeng MA (Design Technology)/Universiti Malaysia Sarawak (UNIMAS) Role: External Examiner Topic: <i>Pembangunan Komposit Berapak Sebagai Bahan Teras Untuk Pembuatan Peralatan Sukan Berketahanan Tinggi</i>
2016	Mahmad Hasan H. Nama Al-Hilo PhD/Limkokwing University of Creative and Technology Role: External Examiner Topic: <i>Development of traditional product design in Iraq: the effects of deconstructivism on the aesthetic preferences</i>
2016	Shah Jhihan Abdullah MA (Design Technology)/Universiti Malaysia Sarawak (UNIMAS) Role: External Examiner Topic: <i>Pengaplikasian bahan organik sebagai struktur teras lantai permainan ruang dalaman untuk kanak-kanak</i>
2016	Norizzah Nabi khan MA (Fine Art)/Universiti Sains Malaysia (USM) Role: External examiner Topic: <i>Kajian kesepadanan Antropometrik terhadap ukuran kerusi dan meja belajar dengan pelajar sekolah di Malaysia</i>
2015	Ruwaidy Mat Rasul PhD/Universiti Teknologi MARA (UiTM) Role: Internal Examiner Topic: <i>The challenges of wheelchair prescription assessment on appropriateness and practical design for Malaysian users</i>
2015	Wahyuni Masyidah Md Isa MA (Fine Art)/Universiti Sains Malaysia (USM) Role: External Examiner Topic: <i>Kajian mengenai kesepadanan antropometri dan ukuran kerusi di kalangan murid sekolah rendah tahap satu (MSRTS) di Perlis, Kedah dan Pulau Pinang</i>
2014	Nor Haliza Johari MA by Research/Universiti Teknologi MARA (UiTM)

Role: Internal Examiner

Topic: The investigation of Muslim male behavior during ablution: The introduction of ablution tub design guideline

Articles

- (i) **Abidin, S. Z.**, Bahari, S. A., Ibrahim, A., Ghazali, A. E. M., Ahmad, M. A., Mujir, M. S., Delgado, M. V. B., Zbiec, M., Garrido, J., Ortega, J. J., Gómez, M. V. G., Ratnasingam, J., Hashim, R., Zakaria, S., & Amin, M. N. Z. M. (2021). Analysing the Malaysian Higher Education training offer for furniture design and woodworking industry 4.0 as an input towards joint curriculum validation protocol. *Asia Pacific Journal of Educators and Education*, 36(1), 1–24.
<https://doi.org/10.21315/apjee2021.36.1.1> (SCOPUS indexed)
- (ii) Toyong N., **Abidin S.Z.**, & Mokhtar S. (2021). A Case for Intuition-Driven Design Expertise. In: Chakrabarti A., Poovaiah R., Bokil P., Kant V. (eds) *Design for Tomorrow—Volume 3. Smart Innovation, Systems and Technologies*, vol 223. Springer, Singapore.
https://doi.org/10.1007/978-981-16-0084-5_10 (SCOPUS indexed)
- (iii) Chumiran, M. H., **Zainal Abidin, S.**, Rahim, W. N., & Vermol, V. V. (2021). Cognitive Ergonomics of Formgiving as Unstructured Approaches in Furniture Design Practice. *Environment-Behaviour Proceedings Journal*, 6(SI5), 27-32.
<https://doi.org/10.21834/ebpj.v6iSI5.2927>
- (iv) P. Toyong, N. M., **Zainal Abidin, S.**, & Mokhtar, S. (2021). Data Collection Instrument in Designerly Intuition Study. *Environment-Behaviour Proceedings Journal*, 6(SI5), 33-39.
<https://doi.org/10.21834/ebpj.v6iSI5.2925>
- (v) Chumiran, M. H., & **Zainal Abidin, S.** (2021). Design Pedagogy: Pictographic Design Artefacts Perceived Artificial Intelligence Elements for Product Designers. *Environment-Behaviour Proceedings Journal*, 6(SI4), 57-62. <https://doi.org/10.21834/ebpj.v6iSI4.2901>
- (vi) Mohamad Rozy, S. N., Vermol, V. V., **Zainal Abidin, S.**, & Anwar, R. (2021). Ways and Challenges of Product Labelling for the Visually Impaired. *Environment-Behaviour Proceedings Journal*, 6(SI5), 79-84.
<https://doi.org/10.21834/ebpj.v6iSI5.2933>
- (vii) Anuar, R., **Zainal Abidin, S.**, Wan Zakaria, W.Z., & Che Din, S. (2020). The TPSACK Framework Implementation in Measuring the Technological, Pedagogical, Skills and Content Knowledge by Using Courseware. *Environment-Behaviour Proceedings Journal*, 5(SI3), 217-223. (WoS indexed)
- (viii) **Zainal Abidin, S.**, Anwar, R., & Rahim, W.N. (2020). The Presence of Fibonacci Sequence in Malaysia Keris Design Related to Elements of Art and Principles of Design. *Environment-Behaviour Proceedings Journal*, 5(SI3), 141-147. (WoS indexed)
- (ix) P. Toyong, N. M., **Zainal Abidin, S.**, Mokhtar, S., & Anwar, R. (2020). Design Focus Group as a Controlled-Experiment

Setting. *Environment-Behaviour Proceedings Journal*, 5(SI3), 79-85. (WoS indexed)

- (x) Chumiran, M. H., **Zainal Abidin, S.**, Anwar, R., & Alli, H. (2020). Extrapolative Morph Design Thinking as an Intangible Ecological Form to Encode the Ecodesign Identity. *Environment-Behaviour Proceedings Journal*, 5(SI3), 91-97. (WoS indexed)
- (xi) Siran, Z., **Zainal Abidin, S.**, & Anwar, R. (2020). The Influence of Reference Material for Sketching Strategies and Form Establishment at the Embodiment Design Level. *Environment-Behaviour Proceedings Journal*, 5(SI3), 135-140. (WoS indexed)
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