

## CURRICULUM VITAE



### ***Personal Particular***

Name : Shahrman Bin Zainal Abidin (Dr.)  
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Mobile : (+6019) 351 2965  
Occupation : Associate Professor (DM54)  
Program teach : Industrial Design  
Office address : Industrial Design Department  
Faculty of Art & Design  
Universiti Teknologi MARA  
40450 Shah Alam, Selangor Darul Ehsan, Malaysia  
Tel : (+603) 5544 8256  
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Email : shahrman.z.a@uitm.edu.my  
Age : 48  
DOB : 16 February 1972  
Sex : Male  
Marital status : Married  
Fazilawati Binti Othman (Wife, age of 46, work as a Clerk Officer at KWSP, Shah Alam)  
Nur Anina Binti Shahrman (Daughter, age of 21)  
Nur Anisa Binti Shahrman (Daughter, age of 20)  
Ahmad Ikmal Bin Shahrman (Son, age of 12)  
Ahmad Iskandar Bin Shahrman (Son, age of 11)  
Nationality : Malaysian  
Language spoken : Malay/English/Nynorsk  
Written : Malay/English/Nynorsk  
Citations : 482 (Google Scholar)/ 86 (SCOPUS)  
h-index : 15 (Google Scholar)/ 5 (SCOPUS)  
i10-index : 15 (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

1997	Kingdom) 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***

2<sup>nd</sup> 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)  
An Expert Assessor 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. 2020)  
Design Thinking Innovation Ambassador for Malaysia appointed by Genovasi Malaysia (since 2018)  
Assessor for Malaysia Technology Expo Awards (MTE) 2019, Kuala Lumpur  
Editorial Panel for Proton Engineering Internal Journal 2014/2015 in Malaysia  
Editorial Panel for Proton Engineering Internal Journal 2016/2017 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 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***

*Anugerah Akademik UiTM 2019*

Category: *Sains Sosial dan Kemanusiaan*

Name of Award: *Anugerah Penyelidik Terbaik*

Awarded by: Universiti Teknologi MARA (UiTM)

Gold Medal Award for Invention, Innovation & Design Exposition (iidex2018)

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 (iidex2017)

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 (2<sup>nd</sup> AnDIC2016), Shah Alam, Malaysia

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

Silver Medal Award for Invention, Innovation & Design Exposition (iidex2016)

Category: Design

Name of Product: Proximal interphalangeal Joint Injury Treatment: Faisal & Shahrman 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 Intelek Negara 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 Intelek Negara (MyIPO)

*Anugerah Akademik UiTM 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 local features on prominent items that reflect branding properties of Malaysian product design identity.*

Role: Principle 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: Principle 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: Principle 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: Principle 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: Principle 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: Principle 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: Principle 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 *Formgiving design.*  
Role: Principle 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 *Islamic metaphor design theory.*  
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 *Advanced styling DNA in galvanized iron compound mould forming.*  
 Role: Principle 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 *The attractiveness and situation command to design approach in Malaysia automotive design.*  
 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 *Formgiving characteristics in automotive design.*  
 Role: Principle 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 *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.*  
 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 *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.*  
 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: Principle 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**

- 2018-2020 Yayasan Raja Zarith Sofiah Negeri Johor  
Position: Consultant  
Duration: 2 years (2018-2020)  
Project: Kuala Lumpur International Student Housing (KLISH)@UTMCity.
- 2016 Motosikal Dan Enjin Nasional Sdn. Bhd. (MODENAS)  
Position: Consultant  
Project: P515 Prototype Market Survey for MODENAS year of 2016 Motorcycle Design.
- 2013-2014 Perusahaan Otomobil Nasional Sdn Bhd (PROTON)  
Position: Researcher/Reader in Automotive Design (Local Expert Attachment Program) under PROTON Professor Office  
Task: Develop core methodologies with regard to Styling DNA for both Exterior & Interior across A, B, C, D and K segments.  
Deliverable: Publish a manual with clearly defined guidelines to be used as a unified point of reference.  
Title of report submitted: Styling DNA of PROTON cars: Myths versus Reality.

### ***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 (Ongoing)  
Role: Main Supervisor  
Topic: Visual reference model in Malaysian industrial design practice
- 2013-2016 Muhammad Jameel Mohamed Kamil  
PhD (Full-time)/UiTM (Completed)



	<p>Role: Main Supervisor  Topic: Understanding designer design activity towards the unconscious interaction between human cognition and behaviour in everyday product</p>
2013-2016	<p>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</p>
2013-2016	<p>Verly Veto Vermol  PhD (Full-time)/UiTM (Completed)  Role: Main Supervisor  Topic: Associating blind user-designer product experience through design activities</p>
2013-2016	<p>Zainudin Siran  PhD (Full-time)/UiTM (Completed)  Role: Main Supervisor  Topic: Design for elderly: Investigating usability interaction deficiencies</p>
2015-2018	<p>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</p>
2013-2015	<p>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</p>
2013-2015	<p>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</p>
2013-2015	<p>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</p>
2012-2014	<p>Abu Hanifa Ab Hamid  MA by Research (Full-time)/UiTM (Completed)  Role: Main Supervisor  Topic: Noisy product: Users response on form design</p>
2012-2014	<p>Mohd Saipuddin Mohd Hasbullah  MA by Research (Full-time)/UiTM (Completed)  Role: Main Supervisor</p>

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)**

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 sugu 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: *Kriteria reka bentuk hentian bas: Kajian kes di kampus induk Universiti Sains Malaysia (USM)*
- 2017 Azman Ab. Rahim @ Ibrahim  
Master of Education (Arts)/Universiti Pendidikan Sultan Idris (UPSI)  
Role: External Examiner  
Topic: *Kaedah pembelajaran koperatif Model STAD meningkatkan pencapaian pelajar dalam penghasilan catan air*
- 2017 Baharudin Shamsuddin  
MA (Fine Arts Studies)/Universiti Pendidikan Sultan Idris (UPSI)  
Role: External Examiner  
Topic: *Apresiasi karya 'Fork Art' Zahir Yusof dalam persekitaran sosial masyarakat masa kini*
- 2017 Soovirehn A/L Epeng  
MA (Design Technology)/Universiti Malaysia Sarawak (UNIMAS)  
Role: External Examiner  
Topic: *Pembangunan Komposit Berapak Sebagai Bahan Teras Untuk Pembuatan Peralatan Sukan Berketahanan Tinggi*
- 2016 Mahmad Hasan H. Nama Al-Hilo  
PhD/Limkokwing University of Creative and Technology  
Role: External Examiner  
Topic: Development of traditional product design in Iraq: the effects of deconstructivism on the aesthetic preferences
- 2016 Shah Jhihan Abdullah  
MA (Design Technology)/Universiti Malaysia Sarawak (UNIMAS)  
Role: External Examiner  
Topic: *Pengaplikasian bahan organik sebagai struktur teras lantai permainan ruang dalaman untuk kanak-kanak*
- 2016 Norizzah Nabi khan  
MA (Fine Art)/Universiti Sains Malaysia (USM)  
Role: External examiner  
Topic: *Kajian kesepadanan Antropometrik terhadap ukuran kerusi dan meja belajar dengan pelajar sekolah di Malaysia*

- 2015 Ruwaidy Mat Rasul  
PhD/Universiti Teknologi MARA (UiTM)  
Role: Internal Examiner  
Topic: The challenges of wheelchair prescription assessment on appropriateness and practical design for Malaysian users
- 2015 Wahyuni Masyidah Md Isa  
MA (Fine Art)/Universiti Sains Malaysia (USM)  
Role: External Examiner  
Topic: *Kajian mengenai kesepadanan antropometri dan ukuran kerusi di kalangan murid sekolah rendah tahap satu (MSRTS) di Perlis, Kedah dan Pulau Pinang*
- 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.**, Ibrahim, A., Ghazali, A.E.M., Ahmad, M.A., Bahari, S.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. (2020). The Challenges of Developing a Validation Protocol for the New Curriculum of Making 4.0: Between Malaysian and European Education Systems. *International Journal of Innovation, Creativity and Change*, 14 (5), pp. 767-786. (ERA indexed)
- (ii) Chumiran, M.H., **Abidin, S.Z.**, Anwar, R., Vermol, V.V., & Sirat, A. (2020). 3R Evokes Ecodesign Identity in Ecological System of Green Manufacturing. *International Journal of Supply Chain Management*. 9(3), pp. 182-190. (SCOPUS indexed)
- (iii) Ratnasingam, J., Yi, L. Y., Abdul Azim, A., Halis, R., Choon Liat, L., Khoo, A., Mat Daud, M., Senin, A. L., Ab Latib, H., Bueno, M. V., Zbiec, M., Garrido, J., Ortega, J., Gómez, M. V., Hashim, R., Zakaria, S., **Zainal Abidin, S.**, & Mat Amin, M. N. Z. (2020). Assessing the awareness and readiness of the Malaysian furniture industry for Industry 4.0. *BioRes*. 15(3), 4866-4885. (SCOPUS indexed)
- (iv) Jantan, R., Kamaruddin, N., **Abidin, S.Z.**, Said, T.S., & Ramli, H. (2020). Value in exchange: The importance of user interaction as the center of user experiences. *International Journal of Innovation, Creativity and Change*, 11(10), pp. 75-83. (SCOPUS indexed)
- (v) Chumiran, M.H., **Abidin, S. Z.**, & Mohamed Kamil, M. J. (2020). Pre-Post Observation Research Fosters a Preliminary Study in Product Form Identity. In L., Buck, E. Bohemia, & H. Grierson, *Proceedings of the 22nd International Conference on Engineering and Product Design Education, E and PDE 2020* Institution of Engineering Designers, The Design Society. (SCOPUS indexed)
- (vi) Anuar, R., **Abidin, S.Z.**, & Zakaria, W.Z.W. (2019). The design, development and evaluation of TPSACK courseware to facilitate the

art and design education students' artistic skills knowledge. *Asian Journal of University Education*, 15(3), pp. 69-82. (SCOPUS indexed)

- (vii) Kamil, M. J. M., **Abidin, S. Z.**, & Hassan, O. H. (2019). Assessing designers' perception, analysis, and reflective using verbal protocol analysis. In A. Chakrabarti (Ed.), *Research into Design for a Connected World - Proceedings of ICoRD 2019 Volume 1* (pp. 51-61). (Smart Innovation, Systems and Technologies; Vol. 134). Springer Science and Business Media Deutschland GmbH. [https://doi.org/10.1007/978-981-13-5974-3\\_5](https://doi.org/10.1007/978-981-13-5974-3_5) (SCOPUS indexed)
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2007-2016	Universiti Teknologi MARA (UiTM) Position: Senior Lecturer Management Position: 2014-2016: Coordinator for Formgiving Design Research Group, UiTM 2013-2014: Researcher/Reader under Proton Professor Office (Local Expert Attachment Program) at Styling, Engineering Division, PROTON 2013-2013: Manager for <i>Pusat Daya Cipta</i> , UiTM 2012-2013: Coordinator for Industrial Design Program, UiTM
2001-2007	Universiti Teknologi MARA (UiTM) Position: Lecturer
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