



EXTENDED ABSTRACT



InViCCAD 2025
1ST INTERNATIONAL VIRTUAL COMPETITION OF CREATIVE
ARTS & INNOVATIVE DESIGN IN TEACHING & LEARNING



Design Innovation Academic Show 2025



Organized by



Fakulti
Seni Lukis & Seni Reka
Cawangan Kedah



اوسها تقوى موليا

Collaboration with



#perubahanluarbiasa
#ADpilihanpertama



**EXTENDED
ABSTRACT**

**Design
Innovation
Academic
Show 2025**





DIAS 2025 (Design Innovation Academic Show) is all about "Transcending the Boundaries of Creativity: Innovation in Art & Design for 21st Century Education." This vibrant program shines a spotlight on how creativity and innovation are reshaping modern education.

It consists of three key components. First up is the Mindareka Design Show, an exhibition that showcases students' final year projects and creative designs, giving them a chance to connect with industry professionals and the wider community. Next, we have the Northern Innovation Academic Tour (NIAT), which takes participants on an academic adventure to select institutions and innovation centers in the northern region, aimed at promoting knowledge sharing and building strong academic and professional networks.

Finally, there's the 1st International Virtual Competition of Creative Arts & Innovative Design in Teaching & Learning (InViCCAID), a global competition that recognizes outstanding practices in teaching and learning by blending art, technology, and innovative design. But DIAS 2025 is more than just a talent showcase; it's a powerful platform for empowering both students and educators, while also strengthening collaborations between universities, creative industries, and global communities. With its inclusive and interdisciplinary approach, this initiative strives to spark relevant, competitive, and impactful ideas and innovations that truly benefit society and push the future of education forward.



Publisher

Universiti Teknologi MARA Kedah Branch,
Sungai Petani Campus,
08400 Merbok,
Sungai Petani,
Kedah,
Malaysia.

Copyright 2025 Faculty of Arts and Design,
Universiti Teknologi MARA Kedah Branch.

Copyright © is held by the owners/authors. The extended abstract is published in all rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form of any means electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of the publisher or author.

Perpustakaan Negara Malaysia
Cataloguing – in- Publication Data

Editor : Syahrini Shawalludin, Juaini Jamaludin, Normaziana Hassan, Fadila Mohd Yusof

Co-Editor : Shafilla Subri, Mohd Syazrul Hafizi Husin, Abu Hanifa Ab Hamid, Norarifah Ali, Zaidi Yusoff, Mohd Taufik Zulkefli, Mohd Hamidi Adha Mohd Amin, Ahmad Fazlan Ahmad Zamri, Abdullah Kula Ismail, , Suhaiza Hanim Suroya, Mohamad Hazmi Shoroin, Mohd Zamri Azizan, Mohamat Najib Mat Noor, Asrol Hasan, Azhari Md Hashim, Azmir Mamat Nawawi, Dinah Rakhim, Hasnul Azwan Azizan@ Mahdzir, Nazri Abu Bakar, Muhammad Aiman Afiq Mohd Noor, Nizar Nazrin, Nazirul Mubin Awang Besar, Qatrunnisa Shariff, Mohd Rozman Mohd Nasir, Wan Noor Faaizah Wan Omar

Design & Layout Editor: Syahrini Shawalludin, Nazirul Mubin Awang Besar, Mohd Rozman Mohd Nasir & Qatrunnisa Shariff

Language Editor : Normaziana Hassan & Juaini Jamaludin

DIAS 2025 : Extended Abstract

Perpustakaan Sultan Badlishah
e ISBN: 9 789 672 948 780

Printed By :
Universiti Teknologi MARA Kedah Branch,
Sungai Petani Campus,
08400 Merbok,
Sungai Petani,
Kedah,
Malaysia.





CONTENTS

Rector's Message
Head of College's Message

EXTENDED ABSTRACT

Diploma in Art & Design
(Graphic Design & Digital Media)

Page

1 - 174

Diploma in Art & Design
(Industrial Design)

175 - 575

Bachelor in Art & Design
(Industrial Design)

576 - 760

Design
Innovation
Academic
Show 2025



Prof. Dr. Roshima Haji Said
Acting Rector
UiTM Kedah Branch

Rector's Message

I am delighted to extend my heartfelt congratulations to the College of Creative Arts, UiTM Kedah Branch, for bringing MINDAREKA 2024 - Unleashing Your Visual Creativity to fruition. The triumphs of past MINDAREKA editions undoubtedly fueled the organization of this year's event, making MINDAREKA 2024 a reality.

MINDAREKA 2024 - Unleashing Your Visual Creativity stands as a testament to the dedication of students at the College of Creative Arts, UiTM Kedah Branch, providing them with a platform to showcase their final art projects. Beyond serving as a space for the exploration of fresh, innovative, and entrepreneurial concepts, this exhibition is poised to connect aspiring talents with potential clients and employers.

I extend my sincere gratitude to all participants whose enthusiasm and support have contributed to the success of MINDAREKA 2024 - Unleashing Your Visual Creativity. Their unwavering belief and commitment have truly brought this event to life, marking it as a resounding triumph!





Head of Faculty Message

It is an honour to introduce DIAS 2025 – Design Innovation Academic Show, held under the theme “Transcending the Boundaries of Creativity: Innovation in Art & Design for 21st-Century Education.” This significant event reflects the faculty’s ongoing commitment to fostering a culture of innovation, critical thinking, and creative exploration among our students and academic community. As we navigate the complexities of the 21st century, it becomes increasingly clear that education must go beyond traditional boundaries to embrace multidisciplinary approaches that are both relevant and future-forward.

The three core components of DIAS 2025, Mindareka Design Show, Northern Innovation Academic Tour (NIAT), and the 1st International Virtual Competition of Creative Arts & Innovative Design in Teaching & Learning (InViCCAID) which is serve as vital platforms to highlight the convergence of design, technology, and pedagogy. These initiatives not only empower our students to showcase their talents and ideas, but also create opportunities for engagement with industry leaders, academic peers, and global collaborators. The Mindareka Design Show celebrates student creativity and innovation through compelling final year projects. NIAT fosters knowledge sharing and institutional partnerships through academic visits and exchanges, while InViCCAID offers international recognition for excellence in integrating art and design into teaching and learning.

I would like to express my deepest appreciation to the organising committee, faculty members, students, and strategic partners who have worked tirelessly to bring this programme to life. Your dedication and collaborative spirit have made DIAS 2025 a reality and a reflection of our shared vision for transformative education. It is my hope that this platform will continue to inspire meaningful dialogue, cultivate groundbreaking ideas, and spark a new wave of innovation that enriches both education and society.



Mohamat Najib Mat Noor
Head of Faculty
Faculty of Arts & Design
UiTM Kedah Branch





***Industrial
Design
(Diploma)***





HIJABIST HOOK

¹ Nurhasina Binti Mahammad Hassan Khan, ²Azmir Bin Mamat nawi

Industrial Design Department,
Faculty of Art and Design,
Universiti Teknologi MARA (UiTM)

hannamirage@gmail.com

ABSTRACT

The Hijabist Hook is a minimalist, wall-mounted storage solution designed to improve hygiene and convenience for women using shared spaces such as wudu areas and public restrooms. It prevents personal items—like scarves, telekung, and bags—from being placed on wet or unclean surfaces by offering a secure, stylish, and adaptable hanging option. Inspired by modular and minimalist design, the unit features a durable powder-coated mild steel base, complemented by soft plastic loop hooks that can be rearranged using magnets. The Hijabist Hook directly supports multiple Sustainable Development Goals (SDGs), such as ensuring health and well-being, promoting sanitation, and encouraging responsible use of materials. This project illustrates how thoughtful product design can merge functionality, cleanliness, and aesthetic appeal to create safer, more organised public and private spaces.

Keywords: Hijabis Hook, Hygiene, Modularity, Minimalist Design, Sustainable Product

INTRODUCTION

The Hijabi Hook is my industrial design project aimed at enhancing hygiene and organisation in shared spaces like wudu areas, public restrooms, and even contemporary homes or offices. It tackles the frequent issue of placing personal belongings on unsanitary surfaces by offering a clean, dedicated spot to hang them. Drawing inspiration from minimalist and modular designs, the Hijabis Hook merges functionality with a touch of visual warmth, featuring soft

rose-gold or bronze finishes and gentle contrasts in its elements. With its clever yet straightforward design, the Hijabis Hook not only keeps your personal items off potentially dirty surfaces but also fits effortlessly into a variety of settings. In doing so, it aligns with SDG 3 (Good Health and Well-being), SDG 6 (Clean Water and Sanitation), and SDG 12 (Responsible Consumption and Production). This project illustrates how even small design changes can have a big impact on our daily lives and public hygiene.

MATERIALS AND METHODS

For the primary structure, the designer chose 99% powder-coated mild steel, known for its durability, water resistance, and elegant finish. The base panel has a soft sand beige and brown that adds a combination touch. It includes mounting slots on both sides, making wall installation quick and secure using screws or wall anchors. Three main rounded mounts are fitted with loop-style metal hooks, designed to hold items firmly without slipping. These mounts are crafted from soft, matte-finished plastic or resin in neutral tones like brown, offering a gentle contrast to the soft sand beige. The hooks attach magnetically, allowing users to adjust their positions based on personal needs. Additional cutouts on both ends of the panel can serve as cable organisers or simply act as stylish negative-space design features. A discreetly engraved logo on the right side reinforces brand identity. All edges are carefully polished to prevent accidental snags, and the materials chosen ensure longevity while requiring minimal maintenance.

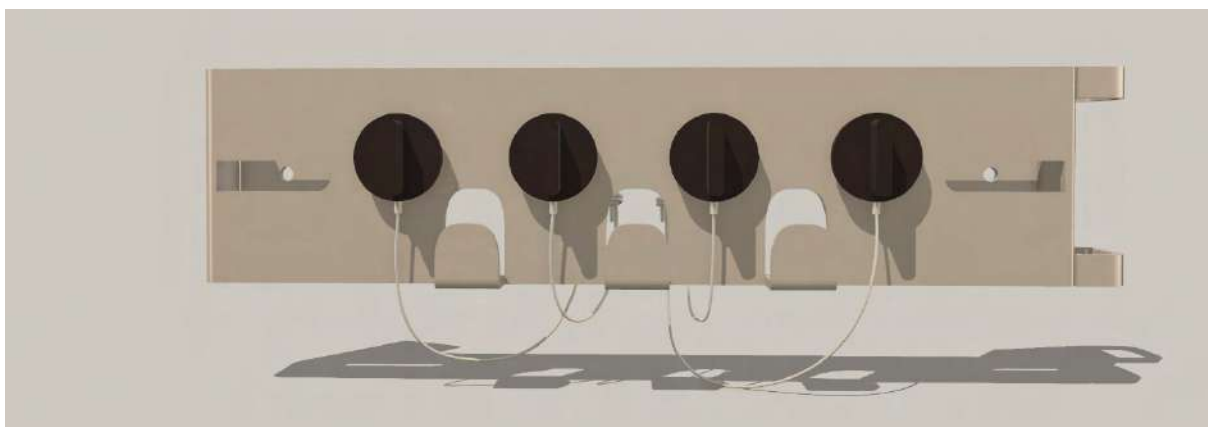


Figure 1.1 The picture of final body structure

RESULTS AND DISCUSSION/FINDINGS

Observations of shared spaces, especially wudu areas in mosques and public restrooms, revealed a frequent lack of clean surfaces to place or hang personal items. This often forced users to put their scarves, telekung, or bags on damp counters or floors, risking contamination.

The Hijabis Hook responds directly to this issue with its clean, wall-mounted design. The modular magnetic hooks allow users to arrange them as needed, making the unit adaptable for different item sizes or personal habits. Its minimalist style ensures it fits into various settings, from religious facilities and schools to modern homes and offices.

By using durable steel and easily replaceable plastic components, the product supports long-term use and simple maintenance, aligning with SDG 12. Meanwhile, by keeping personal items off unhygienic surfaces, it advances SDG 3 and SDG 6, contributing to better health and sanitation practices in shared environments.

CONCLUSION & RECOMMENDATION

In conclusion, the Hijabis Hook is a smart combination of hygiene, practicality, and minimalist design. With its sturdy materials, modular hook system, and sleek look, it's perfect for a variety of settings—whether it's public mosques, schools, or even private homes and studios. This product provides a handy solution for keeping personal items clean and organized, making shared spaces more user-friendly. It comes highly recommended for places that value both hygiene and simple aesthetics, promoting a healthier and more organized way of living.



Figure 1.3 The picture of Environment (HIJABIST HOOK)



REFERENCES

- ArchDaily. (2020). *Minimalist design: 10 examples and tips*. <https://www.archdaily.com/943041/minimalist-design-10-examples-and-tips>
- ScienceDirect. (2020). *Sustainable product design principles*. <https://www.sciencedirect.com/science/article/pii/S2212827120302886>
- ScienceDirect. (2020). *Design for hygiene in public spaces*. <https://www.sciencedirect.com/science/article/pii/S0959652620335743>
- United Nations. (n.d.). *Ensure healthy lives and promote well-being for all at all ages*. <https://www.un.org/sustainabledevelopment/health/>
- United Nations. (n.d.). *Ensure availability and sustainable management of water and sanitation for all*. <https://www.un.org/sustainabledevelopment/water-and-sanitation/>
- World Health Organization. (n.d.). *Sanitation*. <https://www.who.int/news-room/fact-sheets/detail/sanitation>



REFERENCES

ArchDaily. (2018). *What is mid-century modern design*.
<https://www.archdaily.com/896731/what-is-mid-century-modern-design>

IKEA. (n.d.). *Stools*. <https://www.ikea.com/my/en/cat/stools-25212/>

Muji. (n.d.). *Stools*. <https://www.muji.com/my/products/cmdty/section/S020300>

United Nations. (n.d.). *Sustainable consumption and production*.
<https://www.un.org/sustainabledevelopment/sustainable-consumption-production/>

Vezzoli, C., & Manzini, E. (2020). *Sustainable product design principles*. *ScienceDirect*.
<https://www.sciencedirect.com/science/article/pii/S2212827120302886>

Rahman, M., & Al-Hussein, M. (2012). *Ergonomics in furniture design*. *Procedia Engineering*, 41, 1118–1125.
<https://www.sciencedirect.com/science/article/pii/S1877705812008553>

.



DMS



اَوْنِيُو تِكْنُوْلُوْجِي مَارَا
UNIVERSITI
TEKNOLOGI
MARA



9 789672 948780

