



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.



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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
(Bachelor)**





FOLIMA | TISSUE STORAGE

Muhammad Amirul Bin Razif, Norarifah Binti Ali

Industrial Design Department,
Faculty of Art and Design,
Universiti Teknologi MARA (UiTM)
amirulrazif70@gmail.com

ABSTRACT

FOLIMA is a unique tissue storage solution that draws inspiration from the beautiful architectural heritage of Rumah Limas in Johor, Malaysia. It's designed not just to meet practical needs but also to preserve cultural values, making it perfect for hotel environments where traditional elements and storytelling can truly enhance the guest experience. The shape of FOLIMA mirrors the iconic sloping roof of Rumah Limas, and its surface features the pucuk rebung motif, which symbolizes growth and humility in Malay culture. The design is centered around three key principles: honoring heritage, aesthetic appeal, and using eco- friendly materials. FOLIMA is made from sustainable resources like renewable wood and biodegradable materials, promoting environmentally friendly practices in hospitality. Its compact size and attractive design make it a great fit for various hotel room interiors, especially those that celebrate local identity and cultural expression. By blending cultural artistry with sustainable material choices, FOLIMA transforms from just a functional tissue box into a meaningful decor piece that showcases Malaysia's rich heritage. It offers hotels a distinctive accessory that not only enhances room aesthetics but also encourages guests to appreciate the local culture.

Keywords: Tissue Box, Rumah Limas Johor, Eco-Friendly Design, Cultural Aesthetic, Hotel Decor

INTRODUCTION

Tissue boxes are common household items, yet many commercially available options are made from low-quality materials, leading to warping, discoloration, and reduced aesthetic appeal over time (Oladoyin & Onwuakpa, 2020). Such deficiencies undermine their suitability as decorative elements in interior spaces, especially in hospitality settings like homestays. As cultural identity increasingly influences product design, integrating heritage elements into everyday objects enhances their value and emotional connection with users (Amer, 2023). In Malaysia, incorporating traditional motifs and architectural inspirations reflects a distinctive design identity that resonates with local culture (Razali, Barkauskaitė, & Naivkas, 2017). Addressing these issues, **FOLIMA** was developed as a tissue box inspired by Johor's Rumah Limas architecture. This design emphasizes the use of eco-friendly materials and traditional *pucuk rebung* motifs to create a sustainable, culturally rich, and aesthetically pleasing product for homestay environments.

MATERIALS AND METHODS



Figure 1.1 The picture of final products



The FOLIMA tissue box is crafted from a blend of metal and wood, striking a balance between durability, visual appeal, and eco-friendliness. The main materials used are plywood, which is not only environmentally friendly but also easy to laser cut, and metal plate, chosen for its strength and ability to support the overall design.

During the fabrication process, laser cutting was employed on the plywood to create beautiful pucuk rebung patterns, drawing inspiration from the cultural aesthetics of Rumah Limas architecture. The metal plate pieces were shaped and welded together to form a sturdy and reliable framework. The assembly brought these two materials together in a way that honors traditional design while embracing modern production techniques.

RESULTS AND DISCUSSION/FINDINGS

The aim of this research was to dive into the demand for a tissue storage product that draws inspiration from heritage, particularly suited for hotel. This study collects insights from multiple perspectives, such as cultural appreciation, material preferences, and the integration of traditional design into everyday household items. The goal is to develop a tissue box that's not just visually appealing and eco-friendly, but also steeped in cultural significance, ultimately enriching the experience for users in hospitality settings.

Moreover, the research aims to assess how effectively the design caters to the needs of both hotel operators and their guests. It examines factors like aesthetic appeal, the sustainability of materials, and the feasibility of production. The findings are based on empirical data gathered through questionnaires distributed to potential users and stakeholders, focusing on their preferences regarding traditional design elements, material selections, and overall product usability.

What kind of design is suitable for a tissue box hotel ? (Reka bentuk macam mana yang sesuai untuk kotak tisu di hotel ?)

16 responses



Figure 1.2 Pie Chart about design that suit to use at hotel

The survey revealed that 43.8% of respondents preferred a traditional design that reflects local culture, supporting the integration of Rumah Limas and *pucuk rebung* motifs in FOLIMA. Meanwhile, 25% favoured a simple design and another 25% preferred a modern style for a clean look, indicating a need for minimal yet culturally inspired aesthetics. Only 6.2% chose a wooden design, suggesting material should complement rather than dominate the visual appeal.

CONCLUSION & RECOMMENDATION

FOLIMA beautifully blends traditional Malay design with sustainable materials, crafting a tissue storage solution that's both practical and stylish for hotel settings. The incorporation of *pucuk rebung* motifs and the Rumah Limas-inspired shape not only showcases cultural heritage but also uses eco-friendly plywood and metal to ensure its durable and environmentally conscious. Feedback from questionnaires revealed that users really appreciate products that draw on heritage in hospitality environments. It's a good idea to consider different sizes and design variations to cater to various interior styles. Looking ahead, there's potential to streamline the assembly process for better production efficiency and to explore more sustainable finishes to widen its appeal in the market.

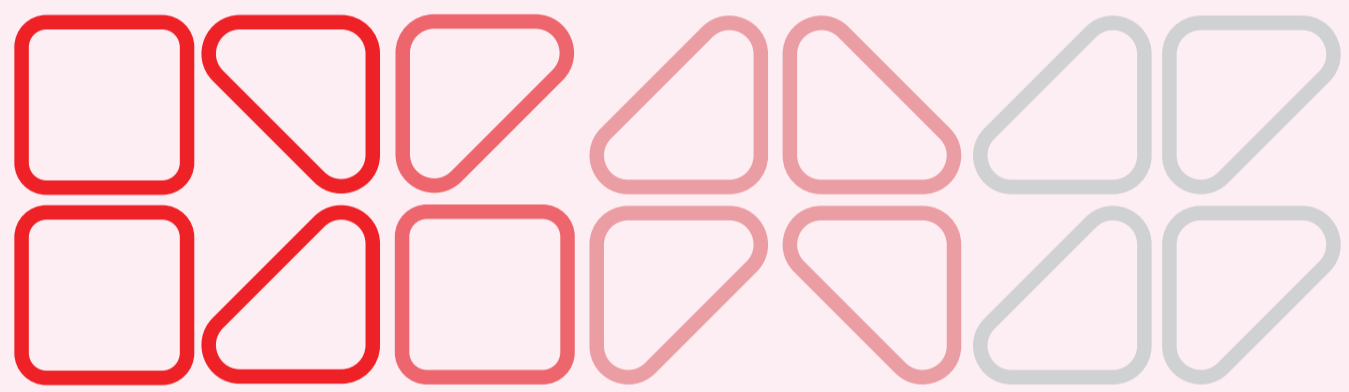


Figure 1.3 The picture of Environment (FOLIMA)

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