



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
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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)***





VERVE | THE PLAYING BENCH

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ABSTRACT

The "Verve Bench" is a new multifunctional outdoor public furniture design for KLCC Park, specifically prioritizing comfort and safety for all users, particularly families and children. Crafted from a blend of durable Teak wood, versatile acrylic, and robust metal, it uniquely features a sloping surface for games and integrates a Wire Loop Game, actively encouraging interaction and boosting creativity. This design ensures the bench is ergonomic, resilient against diverse weather conditions, and aesthetically complements park's natural environment, making it a valuable addition.

Keywords: Multifunctional Bench, Public Park, Interactive Design, Ergonomic, Sustainable Materials, Socialization, Gaming, KLCC

INTRODUCTION

Public outdoor furniture in spaces like KLCC Park often encounters significant challenges, including vandalism, ergonomic discomfort, and rapid wear due to unpredictable weather. Existing benches frequently lack adequate support or are too low, failing to provide universal comfort. The "Verve Bench" directly addresses these issues by proposing an innovative design that aims to enhance comfort, bolster safety, and foster greater engagement within public spaces. By offering comfortable seating alongside a unique, interactive playing surface, it strives to meet the diverse needs of families, children, and all park visitors, promoting increased social interaction and a more enjoyable outdoor experience. Its distinctive design draws inspiration from the timeless Wire Loop Game and respectfully incorporates elements from the traditional Malaysian sampan boat, seamlessly blending cultural heritage with modern functionality and innovation.



MATERIALS AND METHODS

The development of the "Verve Bench" was driven by identified problems with existing public benches, such as vandalism, ergonomic flaws, and weather vulnerability. Primary design objectives included consistent comfortable seating, guaranteed safety, robust resilience against rain and heat, and maintaining park-compatible aesthetics. The bench is specifically engineered for families, children, and teenagers, offering seating and an intelligently designed sloping surface for games and fostering social interaction. Material selection prioritized durability and environmental compatibility: Teak wood for warmth and luxury, acrylic for durability and curves, and metal rods/bars for a strong, rust-proof frame. Secure, hidden fasteners ensure clean connections. A key interactive feature is the integrated Wire Loop Game, designed to attract attention and improve focus.

RESULTS AND DISCUSSION/FINDINGS

The design process for the "Verve Bench" has illuminated significant shortcomings in existing outdoor public furniture and validated the proposed solution's efficacy. Traditional benches are prone to vandalism, discomfort, and weather deterioration. The "Verve Bench" directly addresses these by prioritizing unparalleled comfort, guaranteed safety, and robust construction to endure adverse weather while maintaining its aesthetic. This truly multifunctional piece of furniture extends beyond mere seating, providing comfortable areas and sloped surfaces for engaging games, enhancing concentration and promoting interaction, particularly among children and families. The seamless integration of the Wire Loop Game offers a captivating, free activity that improves strategic thinking and vital social skills. Aesthetically, it blends Malaysian heritage (sampan boat inspiration) with modern design for KLCC. Careful material selection and low-maintenance features contribute long-term value to public furniture budgets.



CONCLUSION & RECOMMENDATION

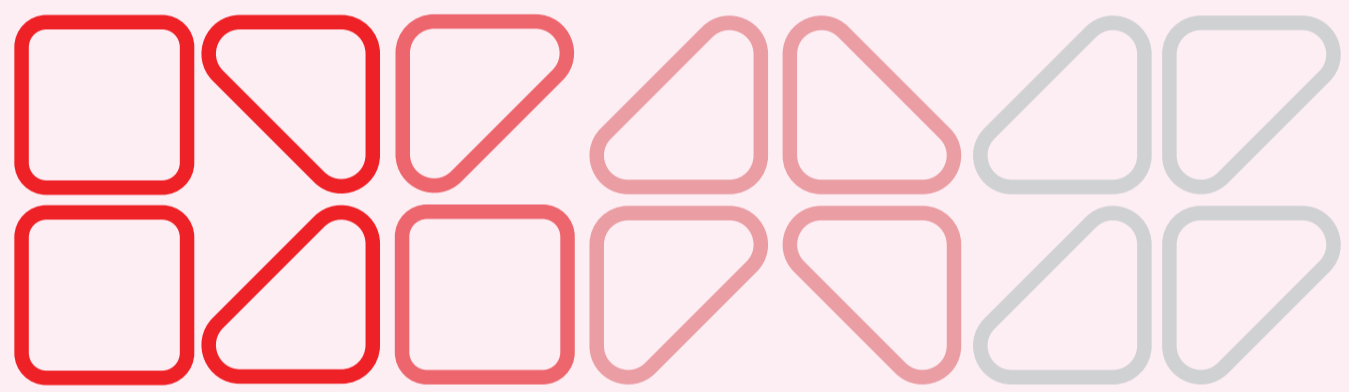
In conclusion, the "Verve Bench" presents a highly compelling solution to the complex challenges of outdoor public furniture in places like KLCC Park. It meticulously tackles issues of vandalism, user discomfort, and environmental degradation by robustly prioritizing comfort, safety, and enduring durability for all users, especially families and children. Its inherently multifunctional character, seamlessly combining comfortable seating with engaging interactive elements like the Wire Loop Game, actively cultivates social interaction, stimulates creativity, and ultimately contributes to a more vibrant and inclusive public space. The thoughtful selection of high-quality materials, including resilient Teak wood, versatile acrylic, and robust metal, coupled with its respectful inspiration from traditional Malaysian design, ensures both its striking aesthetic appeal and its steadfast resilience against the elements. For future development, comprehensive user trials in KLCC Park are recommended to gather feedback for refinement. Further research into sustainable and eco-friendly material alternatives and exploring manufacturing scalability with partners could significantly expedite broader implementation across public spaces. The "Verve Bench" unequivocally represents a substantial leap in crafting more engaging, durable, and universally user-friendly public furniture that profoundly enriches urban environments.

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