



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
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**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)***





VETRA | NOMADIC ARMCHAIR

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ABSTRACT

The Vetra Armchair is a modern seating design that blends mid-century aesthetics with nomadic-inspired modularity. Emphasizing ease of assembly and functional clarity, the armchair highlights exposed joinery and clean lines that celebrate simplicity and efficiency. Constructed from a combination of natural rubberwood, solid balau wood, and olive-green upholstery, the design achieves a refined balance between industrial strength and organic warmth. Black metal joints and steel bracing rods contribute to its structural integrity while adding an industrial edge. With its ergonomic form, visible hardware, and minimalist detailing, the Vetra Armchair offers both visual sophistication and practical comfort making it ideal for modern and creative living environments.

Keywords: Armchair, Nomadic Design, Comfort, Natural Inspiration, Timeless Design, Functionality, Easy to Assembly and Disassembly

INTRODUCTION

Inspired by the honest construction and functional aesthetics of mid-century modern furniture, the Vetra Armchair is a thoughtfully designed seating piece that combines structural clarity with understated comfort. The design takes cues from nomadic methods/lifestyles and modular principles, emphasising ease of assembly and disassembly of the chair, where exposed joinery and practical form were celebrated for their simplicity and efficiency. The Vetra Armchair features a balanced combination of materials: natural rubberwood and solid balau wood are paired with deep green upholstered cushions, creating a rich contrast against the dark-stained balau frame.

Special black metal joints and diagonal bracing rods introduce a subtle industrial touch while enhancing the chair's strength and durability. The angled backrest and arm-level support ensure ergonomic ease, making it ideal for both relaxed living spaces and reading corners. With its clean lines, visible hardware, and purposeful detailing, the Vetra Armchair is minimalist elegance where every component is intentional, and every joint tells a story of function-driven design.

MATERIALS AND METHODS



Figure 1.1 The picture of final body structure

The Vetra Armchair is a contemporary seating solution that merges industrial stability with natural warmth. Designed with a combination of dark-stained hardwood, matte black metal connectors, and soft olive-green upholstery, this piece strikes a balance between comfort and structural integrity. The exposed bolts and steel cross bracing emphasise its utilitarian influence, while the layered wood backrest and seat frame bring a sense of organic elegance. Ideal for modern interiors or creative lounge spaces, this armchair delivers both visual impact and ergonomic comfort.

RESULTS AND DISCUSSION/FINDINGS

Through the development of the Vetra Armchair, sustainable furniture must balance form, function, and eco-responsibility. The design supports the Sustainable Development Goals. The design proved to achieve what it set out to do: offer a simple,



functional, and visually striking piece that reflects both modular thinking and mid-century modern sensibilities. One of the key highlights was the structural performance. The diagonal bracing rods and special black metal joints not only gave the chair a strong, reliable foundation but also added character. These industrial details didn't just serve a purpose; they told a story and became part of the chair's identity. Many pointed out how comfortable the angled backrest felt and appreciated the armrest height, making the chair ideal for both casual lounging and more focused moments, like reading. The deep green cushions added a warm, cosy feel and worked beautifully against the rich tone of the dark-stained balau frame.

Visually, the exposed joints and visible fasteners were received positively, seen not as rough or unfinished but as an intentional design choice, showing how the chair is made and celebrating that process. This aligned with the original goal of creating a piece that's honest in its construction. The chair's modular nature really paid off. It can be easily assembled or taken apart, which makes it perfect for people who move often, live in small spaces, or just appreciate thoughtful, flexible design. Overall, the Vetra Armchair became more than just a piece of furniture; it reflects a lifestyle, one that values simplicity, mobility, and a strong connection between form and function. Designers must consider user behaviour, living space, and emotional needs in addition to material sustainability.

CONCLUSION & RECOMMENDATION

In conclusion, the Vetra Armchair successfully embodies a thoughtful blend of aesthetic integrity, functional design, and sustainable practice. Drawing from mid-century modern influences and nomadic modular principles, the chair demonstrates that furniture can be both visually refined and practically versatile. The use of natural rubberwood and solid balau wood, paired with industrial components and soft upholstery, results in a balanced design that is not only structurally sound but also emotionally engaging and comfortable. Its exposed joinery, modular assembly system, and ergonomic features make the Vetra Armchair suitable for a variety of modern living contexts, from compact urban homes to creative lounge spaces. The design process also highlights the importance of intentional material selection and the value of celebrating construction details as part of the overall aesthetic.



Figure 1.2 The picture of Environment (Vetra)

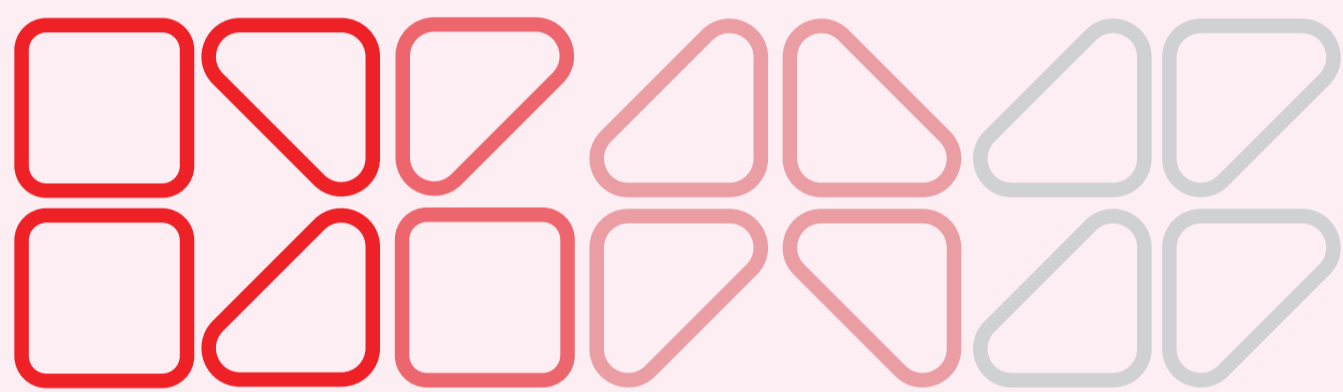
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