



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)***





CHIBO | STUDY CHAIR

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ABSTRACT

The Chibo chair is crafted with the modern student in mind. It strikes a delightful balance between playfulness and practicality, making it the perfect seating solution for students living in small, humid dorms. Drawing inspiration from simplicity, this chair accommodates both upright and floor-level studying. Its dual purpose as both a chair and a table ensures comfort and flexibility throughout the day. Chibo is compact, ergonomic, and lightweight, designed to provide back support when sitting upright while easily transforming into a cosy floor chair with a slide-out table. The sturdy and breathable metal frame guarantees durability and keeps users cool and comfortable. The soothing colour palette is specifically chosen to minimise eye strain and encourage a sense of concentration and balance. Chibo seamlessly combines versatility, comfort, and a student-centred design, making it an ideal fit for dorms, study lounges, libraries, and other learning spaces. This chair beautifully balances form and function, offering a smart solution for the needs of today's students.

Keywords: Study Chair, Multifunctional, Compact Design, Sustainable, Student-friendly

INTRODUCTION

Chibo is a clever blend of chair and table combo is a multifunctional study chair designed to enhance the health, comfort, and lifestyle of university students living in compact dorm spaces. Its design embodies a smart, space-saving solution that adapts to the daily routines of students. Whether used as a traditional upright chair or easily converted into a floor chair with a table slide underneath, Chibo's form

emphasises simplicity and functionality. The gentle colour scheme is selected to alleviate eye strain and create a calming atmosphere for studying. Its compact design allows it to fit snugly in tight spaces without sacrificing usability. With its portable and space-efficient nature, Chibo is more than just furniture; it's a reliable study companion.

MATERIALS AND METHODS



Figure 1 The Chibo chair's

The Chibo chair's frame is crafted from lightweight yet sturdy metal tubing, ensuring it remains strong without being bulky. The wooden seat and backrest feature a sage green colour, as it is meant to reduce visual fatigue and help students concentrate better. The breathable structure is perfect for those warm dorms without air conditioning. The cleverly designed hidden floor table is made from durable, sustainable panels that securely slide beneath the seat and become the legs of the study seat. The chair legs are elegantly curved steel, providing both stability and a sense of lightness. Simple joining techniques like bolts and steel elbows make it easy to disassemble and repair. Every material was chosen with sustainability, weight, and comfort in mind.

RESULTS AND DISCUSSION / FINDINGS

Based on user feedback and observations, students complained that they needed flexible seating that accommodates various study positions. Many experienced discomforts when studying on beds or floors due to insufficient



ergonomic support. The final design of the Chibo chair addresses this issue by providing both upright and floor-level comfort, complete with a slide-in table for writing, reading, or using a laptop. Its breathable design is great in humid conditions, while the soothing colours help enhance focus and minimise fatigue. Chibo also cuts down on the need for multiple pieces of furniture, leading to less clutter and a more efficient use of space, especially valuable in compact dorm rooms. When compared to traditional study chairs, Chibo offers the flexibility and wellness support that modern students truly need.

CONCLUSION

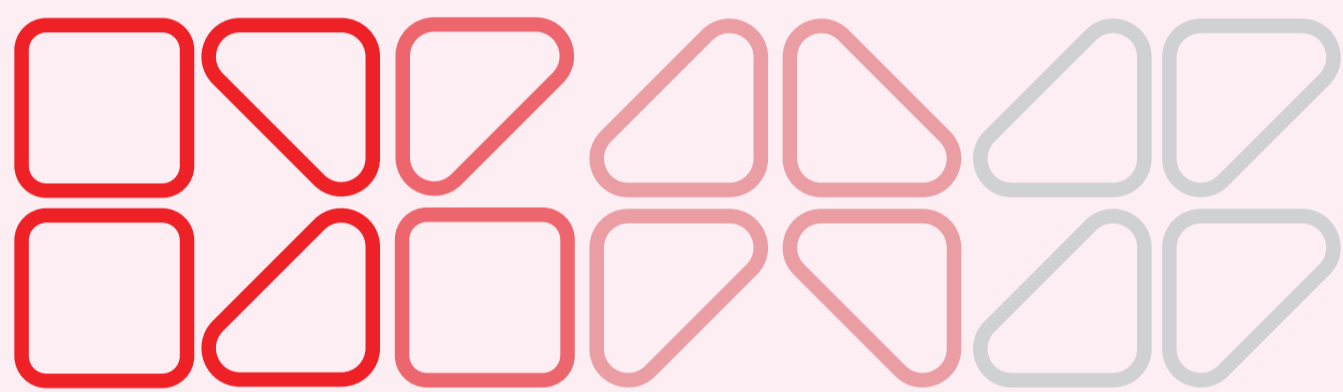
In wrapping things up, Chibo stands out as a versatile piece of furniture that truly caters to the changing needs of students. It combines ergonomic support, flexibility, and space-saving design in a way that feels both modern and thoughtful. With its dual-purpose functionality, it's perfect for university dorms, libraries, and smaller living spaces. The breathable materials and various color options really enhance the study experience for users. Chibo not only aids in daily academic tasks but also contributes to the overall well-being of students. As universities and institutions look for smarter, more sustainable furniture options, Chibo emerges as a practical, innovative, and budget-friendly choice.





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DMS



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