

-Create Without Limits-

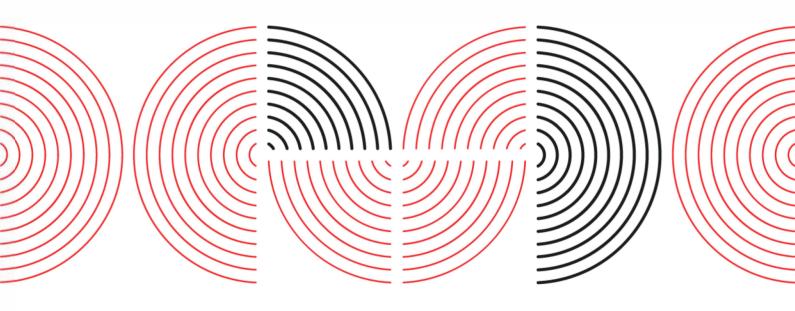


#### <mark>e of Creative Arts</mark> Teknologi mara kedah branch Colle g e UNIVERSITI

ABSTRACT BOOK



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# **ABSTRACT BOOK**





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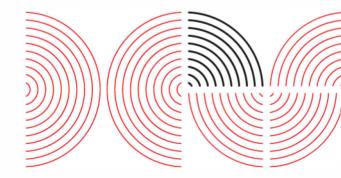
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Co-Editor : Nurul 'Ayn Ahmad Sayuti, Abu Hanifa Ab Hamid, Norarifah Ali, Zaidi Yusoff, Mohd Taufik Zulkefli, Mohd Hamidi Adha Mohd Amin, Mohamad Hazmi Shoroin, Mohd Zamri Azizan, Mohamat Najib Mat Noor, Asrol Hasan, Azhari Md Hashim, Azmir Mamat Nawi, Dinah Rakhim, Hasnul Azwan Azizan @ Mahdzir, Nazri Abu Bakar & Mohd Rozman Mohd Nasir

Design & Layout Editor: Syahrini Shawalludin & Asrol Hasan. Language Editor: Normaziana Hassan, Juaini Jamaludin & Nizar Nazrin.

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Foreword Rector's Message

Assalamualaikum and warm greetings,

It is with great excitement that I welcome you to MINDAREKA 2025, a celebration of creativity, innovation, and the power of ideas. This year's theme, "Create Without Limits," is a call to embrace imagination, push beyond boundaries, and explore new possibilities in every field. Creativity is at the heart of transformation, whether in science, technology, the arts, or social innovation. In a world that is constantly evolving, the ability to think differently, challenge norms, and break new ground has never been more important, MINDAREKA - Create Without Limits provides a platform for visionaries. problem-solvers, and dreamers to showcase their ideas, collaborate, and spark meaningful change. As educators and lifelong learners, we must cultivate an environment where curiosity thrives, unconventional ideas are welcomed, and challenges become stepping stones to progress. This event reflects our collective commitment to pushing the boundaries of knowledge and fostering an interdisciplinary culture of learning. When creativity meets determination, there are no limits to what we can achieve. I extend my heartfelt appreciation to all participants, mentors, and organizers who have brought MINDAREKA - Create Without Limits to life. Your passion and dedication embody the true spirit of innovation that drives our institution forward.

Let's embrace the "Create Without Limits" mindset, inspiring each other to think boldly and make an impact. May this event ignite fresh ideas, lasting collaborations, and groundbreaking discoveries.

Wishing everyone a fulfilling and inspiring experience.

PROF DR ROSHIMA SAID ACTING RECTOR UNIVERSITI TEKNOLOGI MARA KEDAH BRANCH





Head of College's Message

It fills me with immense joy to witness the extraordinary dedication of both the organizing team and students in ensuring the resounding success of this event. Our concern for the future of our students, particularly in navigating the complexities of the new normal, drives us to create a more vibrant and promising world for them. Thus, the significance of MINDAREKA - Create Without Limits, orchestrated by our College of Creative Arts, UITM Kedah Branch, cannot be overstated as it epitomizes our noble aspiration.

A heartfelt expression of gratitude is owed to our tireless organizing committee whose unwavering commitment, boundless energy, and meticulous attention to detail have been instrumental in realizing the objectives of this event. MINDAREKA - Create Without Limits serves as a pivotal platform for all students, particularly those in their final year, to showcase their talents and skills. This platform not only fosters selfexpression but also lays the groundwork for students to navigate their professional paths in the future.

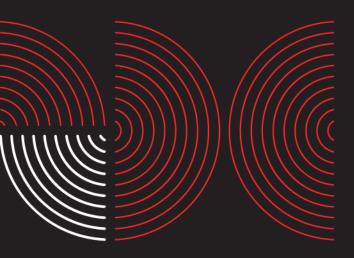
I extend my sincerest congratulations and appreciation to the organizing committee, faculty staff, students, and all stakeholders whose collective efforts have ensured the resounding success and cherished memories of this event. To the students, your dedication and hard work are commendable, and as you embark on this new chapter in life, I wish you the very best. May you embrace the opportunities that lie ahead with courage and determination. Best of luck to each of you.

Dr. Nurul 'Ayn Ahmad Sayuti Head of College of Creative Arts, UiTM Kedah Branch









# INDUSTRIAL DESIGN

#### **Transport Design**

#### **NOCTURA**

**Design Advisor:** Mr. Muhamad Aiman Afia Bin Mohd Noor

#### Abstract

"Noctura: Silent Mobility for Wildlife Conservation"

This final portfolio project explores innovative transport design tailored for wildlife conservation. "Noctura" is a conceptual motorcycle designed to support wildlife researchers by addressing the challenges of light and noise pollution that threaten nocturnal habitats. The project combines advanced functionality with a deep respect for natural ecosystems.

"Noctura" features a compact design for easy navigation through dense environments, low-light technology to preserve dark skies and protect nocturnal species, and noise reduction to minimize disturbances in sensitive areas. These features work together to create a vehicle that seamlessly integrates into wildlife research settings, offering a tool that aids researchers while prioritizing environmental harmony.

The name "Noctura" symbolizes a commitment to preserving the tranquility of the natural world. It reflects the project's mission to blend mobility with conservation, ensuring that research activities can proceed without compromising the delicate balance of ecosystems. This design reimagines transport not just as a means of movement but as a contributor to the preservation of our planet.

"Silent Mobility for Wildlife Conservation" is more than a tagline—it's a call to innovate responsibly and to create designs that respect the natural world. With "Noctura," we move toward a future where technology and nature coexist in harmony.





#### COMMITTEE OF MINDAREKA 2025

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#### Setiausaha

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#### Bendahari

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# Jawatankuasa Buku (Portfolio Karya Seni & Program) Senireka Grafik dan Media Digital Cik Syahrini binti Shawalludin Dr. Shafila Subri En. Abdullah Kula bin Ismail En. Syazrul Hafizi bin Husin Pn Suhaiza Hanim binti Suroya En Nizar Nazrin En Nazirul Mubin Awang Besar

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#### Senireka Grafik dan Media Digital

Dr. Shafila Subri En. Abdullah Kula bin Ismail Cik Syahrini binti Shawalludin En. Syazrul Hafizi bin Husin Pn Suhaiza Hanim binti Suroya

En Nizar Nazrin

En Nazirul Mubin Awang Besar

#### Senireka Perindustrian

Pn Fadila binti Mohd Yusoff En Ahmad Fazlan bin Ahmad Zamri En Muhamad Aiman Afiq bin Mohd Noor

#### Jawatankuasa Hadiah, Cenderahati & Sijil

En. Azmir Mamat Nawi

En Abu Hanifa

#### Jawatankuasa Editor Buku dan e-ISBN Katalog

Cik Syahrini binti Shawalludin

Pn JuainiJamaludin

En Ahmad Fazlan bin Ahmad Zamri

#### Jawatankuasa Jemputan & Protokol (VIP/ Rektor/ JKE/ Tetamu Khas/ itinerari, dulang girl dan iringan VIP)

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En. Muhd. Hazwan Hamdi bin Halim

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En. Mohd Taufik bin Zulkefli

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## Jawatankuasa Jemputan (surat jemputan sekolah, IPTA, Industri)

Pn Norarifah binti Ali

Pn. Suhaiza Hanim binti Suroya

### Jawatankuasa Sharing Session/ Program & Workshop Visibility

Prof Madya Ts Dr Azhari bin Md Hashim

En. Mohamad HazmiMohamad Shoroin



#### Jawatankuasa Persiapan Tempat, Hiasan Pentas dan Gimik Perasmian

En. Nazri Abu Bakar

En. Mohamad Hazmi Mohamad Shoroin

Dr. Hasnul Azwan Azizan

Staf Bengkel IDE

#### Jawatankuasa Logistik, Peralatan, Teknikal

En. Mohd Zamri Azizan

Dr. Hasnul Azwan Azizan@ Mahdzir

Dibantu Bahagian Fasiliti – En. Nasri



