





- Create Without Limits -

ABSTRACT BOOK





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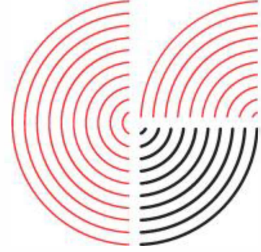
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Foreword Rector's Message



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

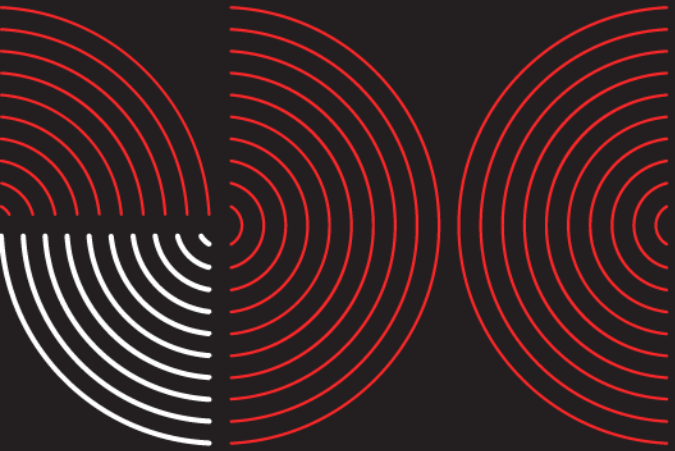
It fills me with immense joy to witness the extraordinary dedication of both the organizing team and students in ensuring the resounding success of this event. Our concern for the future of our students, particularly in navigating the complexities of the new normal, drives us to create a more vibrant 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 self-expression 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

PinguAid

Design Advisor :

Mr. Muhamad Aiman Afia Bin Mohd Noor

Abstract

PinguAid

This project presents an innovative rescue drone designed for emergency deployment, addressing the critical delays and challenges faced by traditional ambulances during emergencies. These challenges include slow response times due to traffic congestion, waterlogging during heavy rains, and vehicle breakdowns in adverse weather conditions, which often hinder timely patient transport to hospitals. The drone is tailored to navigate unpredictable weather conditions and inaccessible areas, ensuring rapid response and reliable patient transport. Emphasizing safety and comfort, the drone incorporates a user-friendly interface and a sleek, futuristic design that inspires trust and professionalism. Targeted for use by hospitals, paramedic teams, and search and rescue operations, this drone represents a transformative solution for emergency healthcare, enabling faster and more efficient access to critical care during life-threatening situations.





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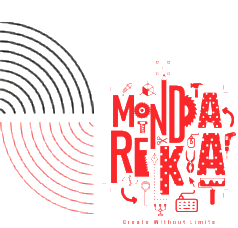
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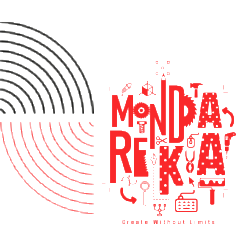
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DESIGN SHOW 2025



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