

-Create Without Limits-

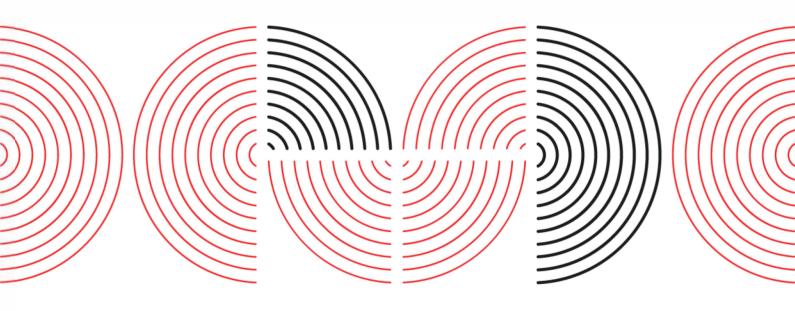


#### <mark>e of Creative Arts</mark> Teknologi mara kedah branch Colle g e UNIVERSITI

ABSTRACT BOOK



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# **ABSTRACT BOOK**





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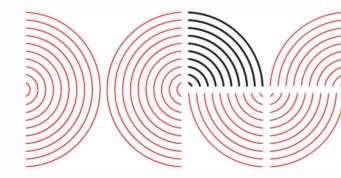
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Foreword Rector's Message

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.

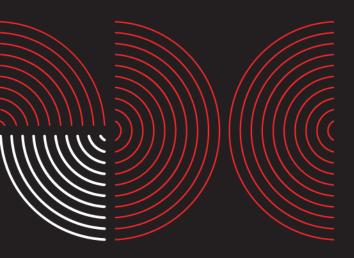
I extend my sincerest congratulations and appreciation to the organizing committee, faculty staff, students, and all stakeholders whose collective efforts have ensured the resounding success and cherished memories of this event. To the students, your dedication and hard work are commendable, and as you 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







#### MUHAMMAD AMEL FERYAL BIN RINI FAUZAN Diploma in Industrial Design

#### **STOVEPOINT**

**Design Advisor :** Mrs. Fadila Binti Mohd Yusof

#### Abstract

STOVEPOINT is a modular, sustainable, and user-centered solution designed to address the cooking challenges faced by displaced populations in humanitarian settings, such as refugee camps and disaster relief zones. These environments are often characterized by limited space, inadequate cooking infrastructure, and reliance on unsafe or environmentally harmful methods, such as open fires.

This project aims to create a compact and energy-efficient electric cooker station, emphasizing modularity, adaptability, and sustainability. The design incorporates energy-efficient technologies to ensure environmental responsibility while meeting the immediate needs of users. Research methods included an in depth review of academic articles and industry reports to understand the limitations of existing cooking solutions and explore innovative design strategies. Additionally, surveys were conducted to gather insights into user preferences and challenges, ensuring a practical and relevant design.

STOVEPOINT's modular structure allows it to adapt to varying user needs and space constraints enhances accessibility in resource-limited environments. By integrating these features, the electric cooker station not only provides a safe and efficient cooking solution but also contributes to the well being of displaced populations and promotes long term sustainability. This project highlights the potential of design innovation to address humanitarian challenges, fostering resilience and improving quality of life for vulnerable communities.





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