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# RMU e-Bulletin



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**Research Management Unit**  
Universiti Teknologi MARA Cawangan Kedah

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# Embracing Innovation and Discourse: A Message from the Rector



Esteemed colleagues, students, and friends of UiTM Kedah Branch,

I am pleased to announce the launch of the second edition of the **RMU4U E-Bulletin**. This publication showcases the intellectual energy and a wide range of expertise that have bloomed within our esteemed university.

The 38 articles presented in this issue exemplify a remarkable spectrum of scholarly inquiry. From insightful legal studies to captivating cultural reflections, from thought-provoking discussions on business and finance to explorations of the ever-evolving technological landscape, the **RMU4U E-Bulletin** offers a glimpse into the minds that are shaping the future. This e-bulletin is more than just a collection of articles; it is a platform for discourse, a springboard for critical thinking, and a catalyst for innovation. By engaging with the diverse perspectives presented here, we can cultivate a deeper understanding of the complex issues facing our world today.

I am particularly heartened by the focus on the transformative power of technology. Discussions on Industrial Revolution 5.0 and the integration of AI serve as crucial reminders of the need to embrace innovation and equip ourselves with the skills to navigate the rapidly changing landscape. The articles on learning methodologies, from self-directed learning to mobile-assisted language acquisition, further underscore UiTM Kedah's commitment to providing our students with the tools and resources they need to thrive in the 21st century.

To our esteemed contributors, I extend my sincere gratitude for sharing your valuable insights and expertise. Your dedication is what fuels the intellectual engine of our university.

To our readers, I encourage you to delve into the articles, engage with the ideas presented, and later share your perspectives. Let this e-bulletin be the spark that ignites lively dialogues and fosters a culture of continuous learning within our university community.

Together, let us leverage the power of knowledge and innovation to shape a brighter future.

Sincerely,

*Prof. Dr. Rohima Sa'id*

Rector, UiTM Kedah



# A Message from the Chief Editor

Dear Readers,

Welcome to the second issue of the RMU4U E-Bulletin from UiTM Kedah. I am excited to present 38 insightful articles that showcase the diverse academic interests and expertise within our university. Each article brings a unique perspective, contributing to a rich array of knowledge and ideas.

In this issue, our contributors have explored a wide range of subjects. We have compelling legal studies on topics such as home-schooling and child marriage, alongside cultural reflections that delve into the Semai heritage and contemporary Malaysian art. These pieces highlight the importance of preserving and understanding our cultural and societal norms.

Our business and finance section offers fresh insights into the gig economy, the integration of AI in accounting, and the nuances of tax compliance. These articles provide a closer look at the evolving economic landscape and the challenges and opportunities it presents.



Technological innovation is another prominent theme, with discussions on Industrial Revolution 5.0, the critical role of information professionals, and the integration of AI in education. These articles underscore the rapid pace of technological change and its impact on various sectors.

We also feature thought-provoking pieces on self-directed learning, mobile-assisted English learning, and the transformative power of social media in libraries. These articles explore the intersections of technology, education, and communication, offering valuable insights into modern learning environments. Our goal with this e-bulletin is to foster a deeper understanding and spark meaningful conversations among our readers. We hope that the knowledge and ideas shared here will inspire and engage you.

A heartfelt thank you to all our contributors for their hard work and dedication. And to our readers, thank you for your continued support and interest in the RMU4U E-Bulletin.

Happy reading!  
Warm regards,

Dr Azyyati Anuar  
Chief Editor, RMU4U E-Bulletin



# LEVEL UP YOUR TEACHING GAME: GEARING UP FOR IR5.0 WITH AI

**Khairul Adilah binti Ahmad, Anis Faradella Abdul Malik & Nordibradini Selamat**

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Feeling a bit lost with all this talk about IR5.0? Don't sweat it, fellow lecturers! This new era just means we get to team up with some pretty awesome tech, like Artificial Intelligence (AI), to make teaching even more epic. The imminent arrival of Industry 5.0 (IR5.0) necessitates a strategic shift in the approach of lecturers and researchers in higher education. While IR4.0 emphasized automation and data analysis, IR5.0 demands a deeper synergy between humans and machines. To thrive in this new paradigm, lecturers can leverage AI-powered tools as valuable partners in fostering personalized learning pathways for students. By actively developing their AI literacy and upskilling in technology integration, lecturers can seamlessly integrate these tools into their existing teaching methodologies. Here's how you can transform yourself into an IR5.0 teaching rockstar:



Image Source : Canva



Image Source : Canva



Image Source : Canva



## First things first: AI ain't here to steal your job!

Relax, those Terminator dreams can stay in the movies. Instead, think of AI as a valuable assistant, working alongside you to enhance the educational experience. AI serves as an invaluable ally, taking on the repetitive tasks that can consume valuable time and energy. With AI handling the mundane tasks, educators are free to engage in more meaningful interactions with their students. Imagine the possibilities! You can devote your time to designing dynamic lesson plans, facilitating thought-provoking discussions, fostering students' critical thinking skills, and providing personalized support to each student. Together, we can harness its potential to create enriching learning experiences, empower students, and shape the future of education for generations to come.

## Now, let's get tech-savvy!

Absolutely! Let's embark on a journey of technological exploration and discovery. In our rapidly evolving world, where innovation drives progress at an unprecedented pace, it's essential to equip ourselves with the tools and knowledge needed to navigate the digital landscape with confidence and proficiency. Embracing technology isn't just a choice; it's a necessity in today's fast-paced environment. By immersing ourselves in this ever-evolving realm, we position ourselves at the forefront of innovation and opportunity. Staying updated on emerging trends is equally crucial in our quest to remain relevant and competitive in today's tech-driven landscape. But beyond the practical benefits, embracing technology enriches our lives in profound ways. It fuels our creativity, enabling us to express ourselves in new and innovative ways. It fosters collaboration and connectivity, breaking down barriers of distance and fostering a global community.



Image Source : Canva

And it empowers us to tackle challenges and solve problems with ingenuity and resourcefulness. So let's embrace this era of technological advancement with enthusiasm and determination. Let's seize every opportunity to expand our knowledge, sharpen our skills, and leverage the power of technology to enhance our lives and make a positive impact on the world. Together, let's embark on a journey of exploration, innovation, and transformation in the boundless realm of technology.



## Let's be responsible AI champions!

We want to use this tech for good, right? As stewards of responsible AI implementation, it is our responsibility not only to comprehend the capabilities of AI but also to utilize it responsibly for the improvement of society. Engaging students in comprehensive discussions about the complexities and potential biases inherent in AI technologies is a crucial first step. By examining real-world examples and case studies, students can gain a deeper understanding of how AI operates and its potential impact on various aspects of society. Moreover, it's essential to emphasize the importance of utilizing AI as an educational resource rather than a quick fix. By integrating AI tools and technologies into the classroom, educators can enhance learning outcomes, foster critical thinking skills, and cultivate problem-solving abilities among students.

From personalized learning algorithms to intelligent tutoring systems, AI has the potential to revolutionize education and empower students to succeed in an increasingly complex world. By fostering a culture of responsible AI usage within the classroom, educators can play a pivotal role in shaping a future generation that is not only technologically savvy but also ethically minded. Together, let's embrace our role as responsible AI champions and work towards harnessing the full potential of AI for the greater good. Through education, dialogue, and ethical awareness, we can ensure that AI remains a force for positive transformation and societal benefit in the years to come.

## The learning never stops!

Remember, the world of AI is constantly evolving. Embrace your inner lifelong learner and stay curious about new developments and best practices. This way, you'll always be at the forefront of pedagogy, ready to deliver the most epic learning experiences for your students. Ditch the fear and get ready to rock IR5.0! With these tips, you'll be a master of AI-powered teaching in no time. Now go forth and inspire your students to become the next generation of innovators and critical thinkers! Remember, with AI as your partner, the possibilities are endless!



### Biodata of authors

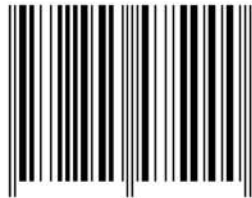
Khairul Adilah Binti Ahmad is a dedicated researcher and writer deeply committed and inspired by her experiences. She holds a Doctor of Philosophy in the field Computer Science at Universiti Teknologi MARA and has a profound interest in computer vision, machine learning, and AI. Khairul Adilah has authored several publications, inspired by her experiences during her doctoral studies. Currently, she is a senior lecturer in Computer Science at Universiti Teknologi MARA and has 25 years of teaching experience. Hopefully her experience which has been immortalized in the form of creative work can burn the spirits of those who want to share ideas.

Anis Faradella Abdul Malik graduated with a Degree in Library Science from Institut Teknologi MARA in 1998. Completed an M.Sc. in Information Management from Universiti Teknologi MARA in 2001. She has been dedicated to the field of education, serving as a Lecturer at Universiti Teknologi MARA Shah Alam since the year 2000. In 2003, she extended her commitment to academia and joined Universiti Teknologi MARA Kedah. She is a senior lecturer in Information Management at Universiti Teknologi MARA and has 25 years of teaching experience. Anis Faradella's research interests primarily revolve around library management in the context of digital literacy. She is passionate about exploring and contributing to the evolving landscape of library sciences in the digital age.

Nordibradini Selamat graduated with a Degree in Library Science from Universiti Teknologi MARA in 2000. Completed an MA in Information Services Management from the University of North London in 2001. She has embarked into the education sector, serving as a lecturer at University Teknologi MARA since 2001. Currently, she is serving as a senior lecturer at University Teknologi MARA, Kedah and has 23 years of teaching experience. Her initial research focus was on library leadership, and she specializes in computerized cataloging. Additionally, she has expertise in Health Information and Medical Databases Management. With her extensive teaching experience spanning 23 years, she has continually sought to expand her expertise and knowledge base.



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