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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



REVOLUTIONIZING EXCELLENCE:

IR 5.0 AND THE ROLES OF LIBRARY LEADERSHIP

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Along with the advancement of today's digital revolution, it is undeniable that technology has become part of the important aspect in shaping the library management. Library administrators must possess a deep understanding of technology to effectively position libraries as main resources within their institutions or communities. However, it's not uncommon for librarians and staff to encounter challenges in embracing new technologies.

The rapid evolution of technology has indeed brought significant changes in library workflows and interactions with users. From digital catalog systems to online research databases and virtual reference services, technology has transformed how libraries operate and serve their patrons. In order to thrive in this dynamic environment, library administrators must promote a workplace environment that embraces intellectual openness, innovation and collaboration.



Image Source : Canva



Image Source : Canva

Encouraging staff to explore new technologies, share ideas, and experiment with innovative approaches can lead to the development of more effective and efficient library services. Furthermore, administrators should promote mature behaviour and trustworthiness among library staff. This stimulates an environment where individuals feel empowered to take ownership of their work and contribute to the collective goals of the library.

Understanding how technology is reshaping the fundamental principles of teaching, learning, and research is crucial for library administrators. By staying alert about emerging trends and technological advancements, administrators can better predict the evolving needs of their user communities and proactively improve library services to meet those needs. Overall, by embracing technology, library administrators can position their libraries as essential hubs of knowledge and learning within their institutions or communities.



Technology is not just a tool for libraries to achieve their service missions because the impact of technology extends beyond just providing faster communication and access to information. It fundamentally improves how we work, learn, and interact with one another. Librarians indeed rely on technology-related organizations for various resources, including software, hardware and training. These organizations play a key role in supporting libraries as they unpack the complexities of the digital age. At the same time, technology-related organizations also depend on libraries for their own sustainability.

Libraries serve as important partners and customers, contributing to the growth and success of these organizations. Thus, there's a cooperative relationship between libraries and technology-related entities, where both parties rely on each other to thrive in an ever-evolving digital environment. Overcoming challenges requires skillful leadership from library administrators. They must understand the intricacies of technology and its impact on library operations and services. Additionally, they need to promote strong partnerships with technology-related organizations to keep pace with technological advancements. Effective leadership in this context involves not only strategic decision-making but also applying a positive relationship and innovation within the library workforce. By embracing change and addressing challenges, administrators can position their libraries to remain relevant and impactful in an increasingly digital world.

The rise of IR 5.0 marks a substantial leap forward in the functionality of information retrieval systems, impacting multiple fields, including libraries. It marks a fundamental change in our approach to accessing and retrieving information. Integrating IR 5.0 principles into management strategies has the potential to completely transform how libraries meet the needs of their users. There are several key aspects involved in the context of IR5.0 for library leadership.



Image Source : Canva





Acknowledging User Need

User research is important in understanding the preferences, behaviours, and expectations of library patrons. This includes utilizing methods like interviews, surveys, focus groups, and usability testing to collect quantitative and qualitative data on how users engage with information retrieval systems and which features they prioritize. Additionally, implementing feedback channels such as suggestion boxes, user forums, and online forms allow patrons to share their experiences and propose enhancements and improvements. Library leaders should actively seek and address user feedback to consistently improve and refine IR 5.0 services.

Incorporating technology into systems

The introduction of technology is important in improving the efficiency, efficacy, and user satisfaction of information retrieval systems. Library leaders should adopt new technologies like artificial intelligence, machine learning, and natural language processing to bolster the capabilities of information retrieval. These innovations facilitate the development of more streamlined search algorithms, recommendation engines, and customized services.

Managing Data

Competent library leadership requires the establishment of strong data management tactics to address the substantial volume of digital information. This includes guaranteeing data accuracy, safeguarding data security and adhering to privacy regulations. Streamlining data storage and organization are crucial in enabling swift and dependable information retrieval. In the context of IR 5.0, data management encompasses utilizing scalable storage options, such as cloud-based solutions, and structuring data with standardized schemas and metadata to facilitate efficient indexing and retrieval processes.

Collaboration with IT Department and Partnerships

Library leaders need to work closely with their library's IT department or technology partners to guarantee the smooth incorporation of new technologies with current infrastructure and systems. This requires coordinating implementation strategies, resolving technical issues, and ensuring alignment with security and compliance standards. Additionally, library leaders should encourage collaborations with other institutions, technology providers, and content creators to broaden access to a variety of resources and knowledge.

Constant Learning and Adaptation

In the swiftly changing field of information retrieval, it's crucial for library leaders to promote ongoing learning and adjustment. This requires keeping updated of emerging trends, exploring novel technologies and being open to adapting strategies based on feedback and data analysis. Moreover, library leaders should prioritize investing in training and development initiatives to equip library staff to proficiently utilize and assist with new technologies. This could involve implementing formal training schemes, organizing workshops, and offering on-the-job guidance to empower staff in enhancing information retrieval services through technology.



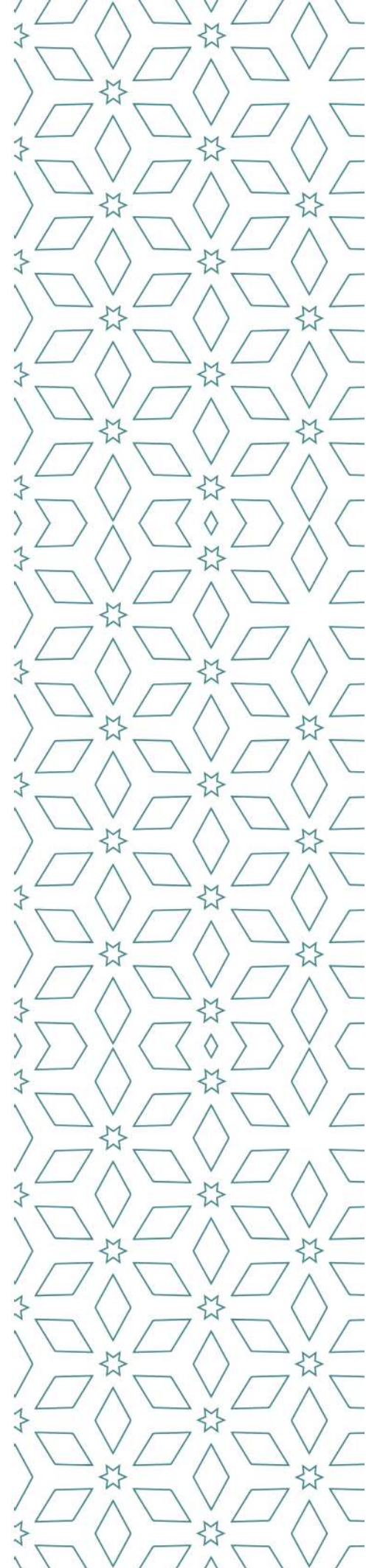
Fundamentally, integrating IR 5.0 principles into library management presents a revolutionary chance for library leadership to rethink and enrich the role of libraries as centres of knowledge. By embracing these principles, libraries; not only can they enhance their services for patrons but also stay resilient and flexible in a digital era that is constantly evolving.

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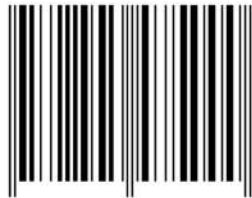
Nordibradini Selamat graduated with a Degree in Library Science from Universiti Teknologi MARA in 2000. Completed an MA in Information Services Management from University of North London in 2001. She has embarked into the education sector, serving as a lecturer in University Teknologi MARA since 2001. Currently, she is serving as a senior lecturer in 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 Database Management. With her extensive teaching experience spanning 23 years, she has continually sought to expand her expertise and knowledge base.

Khairul Adilah binti Ahmad is a dedicated researcher and writer deeply inspired by her experiences. She holds a Doctor of Philosophy in the field Computer Science from 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. She started her creative writing with a short story titled " Menyusuri PhD: Nikmat Sebuah Ujian ". This was followed by her second short story titled " Anak Didikku Sayang " and "Belanga Kasih Bonda: Daging Saripah". 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 spirit of those who want to share ideas. Khairul Adilah's research interests include computer vision, image processing, machine learning, and fuzzy logic.

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 his 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.



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