



WELCOME TO OUR

Industry Engagement Newsletter

Professor Dato' Seri Ir Dr. Noor Azuan Abu Osman
Vice-Chancellor



It is with great pride that I welcome you to the launch of our Industry Engagement Newsletter. The integration of academic excellence with real-world applications remains pertinent, and this publication marks a significant milestone in our ongoing efforts to bridge the gap between our institution and the broader industry landscape.

The strength of any educational institution lies in its ability to forge strong, adaptive and future driven collaborative relationships with industry leaders and innovators. This newsletter is designed to be a dynamic resource, offering insights into the exciting partnerships, groundbreaking research, and transformative projects that are emerging from these vital connections.



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In the ever changing geopolitical, economic and demographic landscapes of the region and the world, the strategic importance of producing cutting edge and resonating industrial output and outlines for the future resilience of both the industry and general community has never been more profound.

Universiti Malaya is actively in the trajectory of this envisioned outlook and transformative drive in creating both sustainable and resonating industrial and research impact in providing targeted solutions to the challenges of the world and humanity.

This is translated into our strategic focus areas where we consolidate key strength and channel the right efforts in critical sectors including on climate change, food and energy security and global health and economic development, among others.

For this newsletter, you will find stories that highlight the successes and strides made through our collaborations, as well as opportunities to engage with industry professionals and thought leaders. Our goal is to ensure that our academic community remains at the forefront of industry trends and developments, providing our students and faculty with unparalleled opportunities for growth and impact.

I invite you to explore the content of this newsletter and join us in celebrating the achievements that stem from our industry engagements. Together, we are shaping the future and driving innovation, and I am confident that this publication will serve as a valuable tool in our collective pursuit of excellence.

Thank you for your continued support and dedication to our mission.

Professor Dato' Seri Ir. Dr. Noor Azuan Abu Osman
Vice Chancellor



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Professor Ir. Dr. Kaharudin Dimiyati
Deputy Vice-Chancellor (Research & Innovation)



It is with great enthusiasm that I introduce the inaugural issue of our newsletter dedicated to industry engagement. As Deputy Vice Chancellor (Research & Innovation), I am proud to witness the continued growth and strengthening of our connections with the professional world. This publication is a testament to our commitment to fostering meaningful partnerships between academia and industry.

In today's rapidly evolving landscape, the synergy between educational institutions and industry is more crucial than ever. Our aim is to bridge the gap between theory and practice, providing our students with invaluable insights and opportunities that align with real-world demands. This newsletter will serve as a vital platform to highlight the collaborative efforts, innovations, and successes that stem from these industry-academic relationships.



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I encourage you to delve into the stories, updates, and insights shared within these pages. They reflect our collective dedication to not only advancing knowledge but also shaping the future of our fields through strategic industry engagement. Together, we can build a bridge that not only connects but also propels us toward a brighter, more innovative future.

Thank you for your continued support and commitment to our mission.



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Professor Ir Dr. Tan Chou Yong
Director of Industry Relations Centre



Welcome to the first edition of our Industry Engagement Newsletter! As the Director of the Industry Relations Centre, I am thrilled to present this new initiative designed to strengthen our bonds with industry partners and showcase the dynamic collaborations that define our work.

Our centre plays a pivotal role in facilitating interactions between our institution and various industries, and this newsletter will be a key resource in keeping you informed about our ongoing projects, events, and success stories. It is a platform for celebrating the fruitful partnerships that enhance our research capabilities, provide our students with practical experiences, and drive innovation.

Each edition will offer a glimpse into how our collaborations are making a tangible impact, both within our academic community and the broader industry landscape. We hope that this newsletter not only informs but also inspires new ideas and opportunities for engagement.

Thank you for being a part of this journey. Your support and involvement are integral to our continued success and to the advancement of our shared goals.



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Turkish Aerospace Sky Global Apprenticeship Programme



The Sky Global Apprenticeship Programme is a high-impact initiative resulting from the collaboration between the Consortium of Malaysian Universities (CMU), the Malaysian Industry-Government Group for High Technology (MIGHT), and TUSAS Malaysia.

The event was attended by the Minister of Higher Education, YB Dato' Seri Diraja Dr. Zambry Abd Kadir; Director of Higher Education, Prof. Dr. Azlinda Azman; Chairman of MIGHT, Tan Sri Datuk Dr. Ir. Ahmad Tajudin Ali; the Turkish Ambassador to Malaysia, TYT Emir Salim Yuksel; the management of Turkish Aerospace Malaysia; and 10 members of the Malaysian University Consortium.

This programme is specifically designed for Malaysian students to ensure they are professionally trained in aerospace engineering and exposed to practical experience, including avionics, electronic design, programming, aircraft structure design, and aircraft system installation. This five-week program, commencing in July 2024 and September 2024 respectively, will provide an immersive experience in one of the leading aerospace organizations.

Technical Visit : Intel PG16 HEC Customer Experience Centre



August 16, 2024 - Universiti Malaya has been invited to the HEC Customer Experience Centre at Intel Malaysia in Bayan Lepas, Penang.

The visit is led by the Director of Pusat Perhubungan Industri, Prof. Ir. Dr. Tan Chou Yong, along with Dr. Goh Ying Xin from the Department of Mechanical Engineering.

The HEC Customer Experience Centre is Intel's demo center for technology solutions in data centers, computing, AI, 5G, and IoT, covering various industries such as education, financial services, industry, retail, and more.

The PG16 Lab is the laboratory dedicated to cloud debugging for products and silicon.

CelcomDigi x Universiti Malaya



August 27, 2024 – CelcomDigi has invited the Vice Chancellor of Universiti Malaya, YBhg Prof. Dato' Seri Ir. Dr. Noor Azuan Abu Osman, to visit the CelcomDigi AI Experience Centre (AiX) at Subang Hi-Tech Industrial Park, along with the Deputy Minister of Higher Education, YB Datuk Ts. Mustapha Sakmud.

The main objectives of this visit are to:

- Explore interactive exhibits and demonstrations that utilize AI technology.
- Discuss with CelcomDigi experts the potential of new technologies, such as AI, for the digital economy.
- Witness firsthand practical applications of AI in improving connectivity, customer experience, and operational efficiency.

Call for Proposal: Intel Advanced Packaging Research Grant Program



TERMS & CONDITION: INTEL ADVANCED PACKAGING RESEARCH GRANT PROGRAM

GRANT TITLE	Intel Advanced Packaging Research Grant Program	
PROJECT DURATION	24-36 Months	
PI CRITERIA	University academic staff (Professor, Associate Professor, Senior Lecturer, and Lecturer) with permanent or contract status. If the principal investigator (PI) is a contract staff, the co-researchers must include at least one (1) permanent staff member.	
OBJECTIVE	<ol style="list-style-type: none"> 1. Foster innovation and advancement in semiconductor fabrication and advanced packaging. 2. Support universities in undertaking cutting-edge interdisciplinary research. 3. To stay at the forefront of this technological revolution, it is imperative for universities to engage in research that pushes the boundaries of knowledge and facilitates practical advancements in the industry. 	
RESEARCH AREAS	<ul style="list-style-type: none"> • Advanced lithography techniques. • 3D integration and packaging technologies. • Materials research for high-performance devices. • Characterization of new materials. • Novel packaging technologies. • Reliability assessment and failure analysis. • Modeling and simulation of devices and packaging. • Energy-efficient designs. • Low-cost and scalable manufacturing processes. • Testability for advance packaging 	
BUDGET GUIDELINES	The maximum amount of funds is RM250,000.00 (including RMF 2.5%). The research period is 2-3 years.	
	i. Fellowships*	<ol style="list-style-type: none"> 1. (Research assistant x 1 x RM 2,000) 2. (Master student x 1 x RM 2,500) 3. (PhD student / Postdoc x 1 x RM 3,000)
	*Open to Local Malaysian Students only.	
	ii. Research Materials	Budget does not cover stationary, journal publication fee and proof-reading service.
	iii. Travel	Maximum two Local conference (RM5k cap) or one International (RM10k cap) per project . Not more than 10% of overall project.
	iv. Research Management Fees	2.5 % from RM250.000
Milestone	<p>Year 1: Registration of postgraduate student & submission of SCOPUS- Indexed Conference Proceedings / SCOPUS or WOS-indexed journal.</p> <p>Year 2: Minimum 1 publication in SCOPUS or WOS-indexed journal.</p> <p>Year 3: Minimum 1 publication in SCOPUS or WOS-indexed journal.</p>	

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Thank you

China-ASEAN Construction, Housing & Urban Development Cooperation Introduction & Networking Session



July 2, 2024 - Pusat Perhubungan Industri successfully conducted a China-ASEAN Construction, Housing & Urban Development Cooperation Networking Session involving delegates from the Republic of China, representatives from private Chinese companies, and relevant faculties and centers from Universiti Malaya. Around 40 delegates from China, representing 8 construction, housing, and urban development companies, were present.



The main objective of this networking session was to connect industry partners with relevant faculties and centers to form collaborations on programs and projects that will benefit both parties.



Approximately 11 companies presented their businesses to the participants.

Stay tuned for our next update

Pusat Perhubungan Industri is a single-stop center for potential industry partners and stakeholders to connect and explore engagement opportunities across UM campus

WANT TO COLLABORATE WITH US?

[CLICK HERE TO OUR WEBSITE](#)

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