

**REMARKS**  
**YBHG. PROF. DATUK TS. DR. MASSILA KAMALRUDIN**  
**NAIB CANSELOR UTeM**

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**MoU EXCHANGE CEREMONY MIDA-MTUN**

**16 Oktober 2024 / 9.30 am**

**Perdana Hall, Level 10, MIDA**

اونيورسيتي تيكنيكل مليسيا ملاك

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Bismillahirrahmanirahim

## **SALUTATION**

-As per attached

1. First of all, I would like to **thank MIDA for organizing such a wonderful ceremony this morning.** This ceremony shows the establishment of a close cooperation between MIDA and MTUN.

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## **Ladies and Gentlemen,**

2. The MoU between MTUN and MIDA is a strategic collaboration aimed at **bridging the gap between academia and industry**. It focuses on aligning MTUN's educational programs with industry demands, particularly in key sectors highlighted in national policies such as the New Industrial Master Plan (NIMP 2030) and the National Semiconductor Strategy. **This partnership will equip graduates with skills in advanced manufacturing, digital technologies, sustainability, and semiconductor innovation, preparing them for the workforce** while supporting Malaysia's broader economic and industrial goals. Additionally, the collaboration emphasizes practical training, research, and industrial exposure, fostering

industry-ready graduates who can contribute to the nation's technological and economic growth.

3. By connecting MTUN's talent pipeline with MIDA's investment initiatives, the MoU also supports Malaysia's efforts **to attract investments in high-growth sectors like renewable energy, electronics, and green technologies.** This alignment with national strategies ensures that MTUN graduates are not only capable of meeting the current industry demands but are also well-positioned to drive future developments in key industries, enhancing the nation's global competitiveness and contributing to job creation. For that purpose, MTUN emphasize on 5 agendas which are:

**i. Digital Competency and Technological Proficiency**

As we progress into the Fourth Industrial Revolution (IR 4.0), industries require a workforce proficient in digital technologies such as **artificial intelligence (AI), machine learning, and data analytics**. At MTUN, we are increasingly integrating these emerging technologies into our curriculum. The focus is on equipping students with practical knowledge of the digital tools and platforms that are transforming the industrial landscape.

**ii. Sustainability and Environmental Awareness**

The global shift towards sustainability has created a **demand for professionals who are knowledgeable in**

**green technologies and sustainable business practices.**

Industries are not just looking for technical skills but also an understanding of environmental responsibility. At MTUN, we are embedding sustainability into our programs to ensure that our graduates are not only technically capable but also well-versed in sustainable practices that meet the demands of environmentally conscious industries.

**iii. Technical and Hands-On Skills**

While digital literacy is important, traditional industries such as manufacturing, construction, and engineering still rely heavily on strong technical and practical skills. MTUN's hands-on approach to education ensures that our students

are Industry-ready, with the technical expertise necessary to meet industry standards. Our **emphasis on experiential learning through industrial training, internships, and applied research ensures that our graduates are capable of addressing real-world challenges from day one.**

**iv. Adaptability and Lifelong Learning**

Given the rapid pace of technological change, adaptability is a key trait that industries value. Our academic programs at MTUN are designed not only to provide students with foundational skills but also to cultivate a mindset of lifelong learning. This ensures that our graduates are not only ready

for current industry demands but are also **equipped to continue learning and evolving as industries change.**

**v. Leadership and Entrepreneurial Skills**

Beyond technical knowledge, industries seek graduates who possess strong leadership qualities and an entrepreneurial mindset. **MTUN encourages innovation and critical thinking in our students, providing them with opportunities to engage in projects that foster problem-solving and leadership abilities.** This ensures that our graduates are not only capable of excelling within existing industries but also of creating new opportunities through entrepreneurial ventures.



4. The MoU between MTUN and MIDA aligns with national strategies like the New Industrial Master Plan 2030 (NIMP 2030) and Malaysia's National Semiconductor Strategy. These initiatives aim to foster a more innovation-driven economy, focusing on high-growth sectors such as advanced manufacturing, digital services, renewable energy, and electronics. For instance, NIMP 2030 highlights the importance of enhancing the manufacturing sector's competitiveness through tech adoption, sustainable practices, and supply chain resilience. **Sectors such as renewable energy, electric vehicles (EVs), and advanced electronics are pivotal to Malaysia's industrial future.**

5. MIDA's role is critical in this landscape as it drives foreign and domestic investments into these key areas. By attracting strategic investments, particularly in high-tech and capital-intensive sectors, the MoU is expected to **create job opportunities for graduates, aligning educational outcomes with the skills needed by industries.** This initiative also supports Malaysia's ambition to strengthen its position as a global hub for sectors like semiconductors, digital economy, and green technology. Furthermore, this collaboration will allow us to **create more tailored programs and industrial partnerships, where students can engage in real-world projects, research collaborations, and internships.** Such

initiatives will enable graduates to transition seamlessly from academia to industry, contributing effectively from day one.

6. Additionally, this collaboration can **stimulate entrepreneurial activities, encouraging our graduates to pursue startup ventures and innovation-driven businesses.** The combination of MTUN's academic excellence and MIDA's investment focus will support new business creation, ultimately generating more jobs and contributing to Malaysia's economic growth.

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7. In conclusion, the MoU between MIDA and MTUN is a testament to our shared commitment to preparing graduates

for the future. By aligning academic curricula with industry needs and fostering a collaborative environment, we are not only equipping students with the skills necessary to succeed but also contributing to Malaysia's long-term economic and industrial competitiveness. We believe that this partnership will bring immense value, both in terms of talent development and creating new avenues for economic growth through job creation and investment.

8. Once again I want to thanks MIDA for this wonderful event. With that, thank you.