

CLOSING REMARK

Y.BHG. PROF. DR. RAHA ABDUL RAHIM

**VICE CHANCELLOR
UNIVERSITI TEKNIKAL MALAYSIA MELAKA**

**CLOSING CEREMONY
MECHANICAL ENGINEERING RESEARCH DAY 2019 (MERD'19)
31 JULY 2019, 2.30 PM
TECHNOLOGY CAMPUS**

Bismillahirrahmanirrahim,

Yang Berbahagia Prof. Dr. Zulkifilie bin Ibrahim

Deputy Vice Chancellor (Research & Innovation) UTeM

Yang Berbahagia Prof. Teknologis Dr. Goh Ong Sing

Assistant Vice Chancellor (Industry & Community) UTeM

Yang Berusaha Dr. Ruztamreen bin Jenal,

Dean, Faculty of Mechanical Engineering UTeM

Senior officers of UTeM, Members of the Organizing Committee,
Distinguished Guests, Ladies and gentlemen.

Assalamualaikum Warahmatullahi Taala Wabarakatuh

Salam Melaka Berwibawa, Pintar, Hijau, Bersih.

1. It is indeed a privilege that I am given the opportunity to say a few words at the closing ceremony of this impactful Mechanical Engineering Research Day 2019 or MERD'19.
2. I am glad to be informed that MERD'19 epitomizes the tenacious synergy between the Faculty of Mechanical Engineering and the Centre for Advanced Research on Energy (CARE) together with the international strategic partners within the higher education sphere namely Sekolah Tinggi Teknologi

Bandung, Indonesia and Shanghai University, China. Thank you for your continuous trust and support towards UTeM.

Ladies & Gentlemen,

3. On behalf of UTeM and the organizing committee, I take this opportunity to extend a warm welcome to all delegates and participants to the MERD'19 and especially welcome to the UNESCO World Heritage City of Melaka, where much of the 757 years of glorious history with the imprints of the Portuguese, Dutch and British are still visible in the architecture, heritage buildings and colonial structures.

Ladies & Gentlemen,

4. Allow me to recite a short Malay poem:

Pergi berhuma di Tanjung Rokan,
Sebelum pulang mengail ikan,
Kehadiran tuan-puan UTeM alu-alukan,
Kecil telapak tangan nyiru kami tadahkan.

Literally translated, means, UTeM is honoured to receive all of you as our guests.

Ladies & Gentlemen,

4. The fourth industrial revolution, hails a range of new technologies, infusing the physical, digital and biological worlds, impacting all disciplines, economies and industries, and even challenging our ideas about what it means to be human. These new technologies will even shift and disrupt the present status quo, redirecting us to a time of equally great promises and great perils.
5. Advancing to this decade, we foresee the trends of automation and data exchange in manufacturing technology that procreates "smart factories", where machines are connected to the web and to a system that can depict the entire production chain and self-automation.

6. All these technologies, as a whole, have great potentials to continue to connect billions more people to the web, drastically improving the efficiency of business and organizations as well as societal well-being. Simultaneously, the Fourth Industrial Revolution postulates the realm of possibilities of raised global income levels and an improved quality of life for populations around the world. Unrivalled innovation and technology will bring about new products and services that amplify efficiency and drive the economic growth, eventually elevating national competitiveness.

Ladies & Gentlemen,

7. With a well-defined approach, besides facilitative policies and frameworks, research and innovation is instrumental for Malaysia to attain a developed nation status by year 2025. This, however, requires a concerted effort and collective participation from industry practitioners and academia both in the government and private sectors.
8. Thus, I believe MERD'19 provides a substantial platform in encouraging educators, researchers, engineers, technologists and students from higher educational institutions to share and inculcate innovativeness and sustainability in their research towards providing solutions especially in a field of Mechanical Engineering for the betterment of our society.

Ladies and Gentlemen,

9. The MERD'19's theme - **Idea, Inspire, Innovate** is timely and is in sync with the new drivers of change in future development of organizations. It also provides a substantial medium for academicians in a broad range of synergy to share knowledge of innovation, creativity and latest approaches in line with the global megatrend – The Fourth Industrial Revolution.
10. This year's MERD also offers 12 topics including Automotive and Aeronautics, Additive Manufacturing, Advanced Materials and Processes, Computer Modeling and Simulation, Condition Based Maintenance and Monitoring, Energy Engineering and Management, Engineering

Education, Mechanical Design and Optimization, Mechanical Vibration and Control, Structural and Mechanical Testing, Surface Engineering and Tribology as well as Thermal and Fluids.

11. With increasing number of participations at local and international levels every year, this annual event has continued to become a strong platform which gathers and connects researchers from different academic and industrial backgrounds across the disciplines and faculties under one roof, to share and exhibit their research achievements and innovations. This effort is in line with UTeM's aspiration in becoming a university that produces highly skilled technologists and enhances inventions, thus impacting industries and society.

12. In addition, the 166 accepted papers for this MERD19 poster seminar will be published as proceeding papers and will be submitted for indexing consideration in Clarivate Analytics under Web of Science® Coverage.
13. I do hope that the output of MERD'19 will accord positive and good impacts to all parties besides gearing us to advance in our innovation journey.

Ladies and gentlemen,

14. At this juncture, I would like to thank the organizing committee led by Dr Ruztamreen Jenal for their commitment in ensuring the event is well-organised and well-coordinated.

15.I hope that this event has been an insightful and highly informative experience for everyone, and we hope to see you again in future conferences organized by UTeM Melaka. Have a safe trip back to your home country and May God's blessings be with all of you.

Mari dipetik sirih puan,
Sirih dipetik di pagi hari,
MERD 2019, UTeM anjurkan,
Menjana inovasi, minda lestari.

16. On that note and with “Bismillah hirrahmaa nirrahiim” I would like to close my remarks and officially announce the end of the **Mechanical Engineering Research Day 2019.**