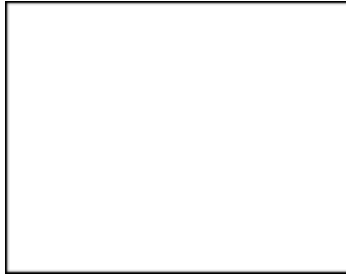


FOREWORD



Assalamualaikum Warahmatullahi Wabarakatuh and greetings.

I am pleased to welcome everyone to the **International Congress on Engineering and Technology (ICET) 2023** organised by the College of Engineering, Universiti Teknologi MARA (UiTM).

ICET 2023 is a remarkable event that showcases the latest innovations and research findings in Civil, Mechanical, Electrical, Electronic, and Chemical engineering disciplines. It is also a unique opportunity for in-person and online participation, catering to local and international delegates.

The congress aligns with the **National Science, Technology, and Innovation Policy (NSTIP) 2021–2030** and aims to foster a culture of excellence, collaboration, and diversity in the engineering and technology community. It provides a platform for experts, researchers, professionals, and students which correspondingly enables science, technology, innovation, and economics (STIE) collaborations between the government, industry, academicians, and community to exchange ideas, share experiences, and establish networks.

The ICET 2023 comprises four parallel conferences: the International Conference on Advances in Civil Engineering 2023 (**ICACE2023**), the International Conference on Advances in Mechanical Engineering 2023 (**ICAME2023**), the International Conference on Advances in Electrical and Electronic Engineering 2023 (**ICAEEE2023**), and the International Conference on Chemical Engineering and Applied Sciences 2023 (**ICChEAS2023**). Each conference covers a wide range of topics and themes that reflect the current trends and challenges in respective fields.

In closing, I would like to express my sincere gratitude to all the participants, speakers, guests, sponsors, and organisers for their contributions and support towards making this event a success. My best wishes to everyone and may you have a stimulating and rewarding experience at ICET 2023.

Wassalamualaikum Warahmatullahi Wabarakatuh.

PROFESSOR DATUK DR SHAHRIN SAHIB @ SAHIBUDDIN, FASc

Vice-Chancellor

Universiti Teknologi MARA