



Research *NEWS*

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SMRI UiTM-Hexagon-NAICO Collaboration Drives Aerospace and Smart Manufacturing Innovation

10 June 2026
MyAERO Associate Lab, UiTM Shah Alam



SHAH ALAM, 10 June 2026 - Universiti Teknologi MARA (UiTM), through the Smart Manufacturing Research Institute (SMRI), successfully organized the Hexagon Optium Open Day 2026 at the MyAERO Associate Lab, UiTM Shah Alam. The programme was held in conjunction with the operationalization of the Hexagon Optium, a high-precision measurement and simulation system established through a strategic collaboration between UiTM, National Aerospace Industry Corporation Malaysia (NAICO Malaysia) and the Hexagon Manufacturing Intelligence. The initiative reflects a shared commitment to strengthening research capabilities, technological advancement and talent development in support of Malaysia's aerospace and smart manufacturing industries.

The programme commenced with welcoming remarks by Professor Dr. Asmah Awal, Director of Research Nexus UiTM (ReNeU), who emphasized the importance of collaboration among academia, industry and government agencies in driving innovation and technological progress. She highlighted the programme as a valuable platform for expanding research networks, facilitating technology transfer and enhancing the visibility of UiTM's expertise and research facilities at both national and international levels. The event brought together researchers, academicians, students and industry representatives to explore the latest developments in metrology, quality control and simulation technologies. Participants attended technical sharing sessions and witnessed live demonstrations of the Hexagon Optium system, showcasing its capabilities in dimensional measurement, design validation, simulation and high-precision engineering analysis. The technology is expected to strengthen UiTM's research infrastructure and support high-impact projects in aerospace, automation and smart manufacturing.

The programme concluded with a closing address by Professor Dr. Yupiter H.P. Manurung, Principal Fellow of SMRI, who highlighted the importance of advanced metrology and simulation technologies in enhancing research, product development and industrial competitiveness. He noted that the collaboration between UiTM, Hexagon and NAICO Malaysia would create greater opportunities for research partnerships, technology development and talent enhancement, further contributing to the growth of Malaysia's aerospace and smart manufacturing ecosystem.



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