

# NUS in world's top 10 in engineering

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The National University of Singapore (NUS) has been ranked alongside MIT, Stanford and Cambridge in a list of top 10 institutions most often identified as "current leaders" in engineering education.

It is the only university outside of the US and Northern Europe on the list, which was part of a report from the Massachusetts Institute of Technology (MIT) that looked at trends in engineering education.

The top three were Olin College, MIT and Stanford University. NUS was eighth, ahead of the University of Cambridge. Singapore Polytechnic and Nanyang Technological University were just out of the top 10.

The Singapore University of Technology and Design topped a list of top 10 "emerging leaders" in engineering education, which identified a new generation of engineering programmes that include work-based learning, multidisciplinary programmes and a dual emphasis

on engineering design and student self-reflection.

The report, *Global State Of The Art In Engineering Education*, was released last Tuesday.

"Engineers will address the complex societal challenges of the 21st century by building a new generation of machines, materials and systems. We should fundamentally rethink how we educate engineers for this future," said Ford Professor of Engineering Ed Crawley, of the Department of Aeronautics and Astronautics and faculty

co-director of the New Engineering Education Transformation initiative at MIT.

Professor Chua Kee Chaing, dean of the NUS Faculty of Engineering, called NUS' presence in the MIT report "gratifying".

"We firmly believe that a holistic engineering education is the right approach to training engineers with strong technical skills and the creativity and innovativeness needed to tackle complex social, economic and environmental problems of the 21st century."

Professor Ho Teck Hua, senior deputy president and provost of NUS, said the achievement showed the commitment of its faculty and researchers.

He said: "We are constantly enhancing the transformative educational experience here at the university and this has reaped positive results in nurturing future-ready graduates who are prepared to take on the challenges and excel in the global workplace."

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