Singapore, 3 March 2005

NTU shares exciting world of engineering with man-in-the-street

Showcases engineering and technological innovations by staff and students in the heart of the city!

For the first time, Nanyang Technological University (NTU) is taking the exciting world of engineering breakthroughs off-campus into the heart of the city for members of the public.

The event will be staged from 3 to 6 March 2005 at Suntec Singapore International Convention & Exhibition Centre. It will form part of NTU’s booth for the Career Fair 2005, which also showcases other disciplines offered by NTU such as business, accountancy, biological sciences, humanities and social sciences, and physical and mathematical sciences.

A second instalment of Discover Engineering@NTU will also be held on-campus from 9 to 13 March 2005 at NTU’s Nanyang Auditorium.

About 30 projects will be showcased at Discover Engineering@NTU (Suntec City) and these same 30 will make up part of the suite of about 250 projects that will be presented at Nanyang Auditorium.

With 250 engineering R&D projects, Discover Engineering@NTU is the largest ever Engineering showcase to be organized by NTU in its history. It is possibly also Singapore’s largest engineering exhibition.

Some 150 NTU professors and 100 undergraduates and graduate students from NTU’s six engineering schools are behind these projects. The schools that make up NTU’s College of Engineering comprise:
• School of Chemical and Biomedical Engineering
• School of Civil and Environmental Engineering
• School of Computer Engineering
• School of Electrical and Electronic Engineering
• School of Materials Science and Engineering
• School of Mechanical and Aerospace Engineering

Among the projects to be featured are projects by students under NTU's innovative Undergraduate Research Experience on Campus (URECA). This is an innovative research programme that NTU has put in place to encourage and support research by undergraduates.

The 250 projects to be showcased cover a wide spectrum of engineering disciplines and interests, from the latest concerns in the fields of nanotechnology to advanced computer graphics animation and visualisation, and crystallization process control for pharmaceuticals.

Likewise, a series of seminars, which will be held in conjunction with the showcase at NTU, will cover topics as diverse as lessons drawn from the Banda Aceh earthquake and tsunami to the use of underground space for applications in environmental engineering.

Both venues of Discover Engineering@NTU (i.e. Suntec City and NTU) are open to members of the public. In fact, the last day of the showcase at NTU (i.e. 13 March 2005) coincides with NTU’s Open House – a day filled with exciting and fun-filled activities and performances for members of the public.

Says Professor Lim Mong King, Deputy President, NTU, and Dean, College of Engineering, NTU, “Engineering is a fascinating discipline because it has the potential to impact our living environment. We are excited at the prospect of sharing with members of the public, how engineering breakthroughs at NTU can enhance the way we live our lives. We invite members of the public to come discover at NTU, engineering at its best.”

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About Nanyang Technological University

Nanyang Technological University was recently ranked by the Times Higher Education Supplement at the 50th place globally and 7th in Asia, in its ranking of the 200 best universities in the world. The campus was originally developed for a Chinese language university, Nanyang University in 1955. In 1981, Nanyang Technological Institute was established on this campus to educate engineers for the rapidly developing Singapore economy. In 1991 Nanyang Technological University was inaugurated.
The university has a strong engineering school ranked among the best in the Commonwealth, a business school with one of the top 100 MBA programs in the world, an internationally acclaimed National Institute of Education, one of the best Schools of Communications and Information in Asia, and a new (2001) School of Biological Sciences playing a leading role in Singapore’s Life Sciences initiative. The Institute of Defence and Strategic Studies is an international authority on terrorism. The university is in a major expansion from 16,000 to 22,300 undergraduate students. During this expansion three new schools are being built – the School of Humanities and Social Sciences, the School of Physical and Mathematical Sciences and the School of Art, Design and Media.

A traditional strength of the university is the high employment rate and high remuneration received by its graduates. The university is now in the process of realizing its New Undergraduate Experience initiative with a comprehensive curriculum, wide choices of options for students, vibrant campus life and international experience. Strong international relationships and collaboration programmes is a hallmark of the university. This includes the Singapore-MIT Alliance, Singapore-Stanford Partnership, Cornell-Nanyang Institute of Hospitality Management, Singapore – University of Washington Alliance in Bioengineering, Global Immersion Programme with Peking University, Tsinghua University, Shanghai Jiaotong University, University of Washington and Georgia Institute of Technology, among many other programmes in US, China, India, Japan and Europe.