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NTU wins 5\textsuperscript{th} Young Inventors Awards 2004

Two Nanyang Technological University (NTU) teams have done the varsity proud by winning the Gold and Bronze Awards in the 5\textsuperscript{th} Young Inventors Awards 2004 organised by The Asian Wall Street Journal, in association with Hewlett-Packard.

The Awards aim to encourage and honour research and innovation among students in the Asia-Pacific region. The winning projects by NTU showed innovative research achievements that are likely to make a significant contribution to the industry users and man-in-the-street in Singapore and overseas.

The Gold Award was won by Wang Qijie, who is doing a doctorate in NTU's Electrical and Electronic Engineering (EEE). This project is a collaboration project between NTU EEE and Singapore Institute of Manufacturing Technology (SIMTech). Working together with Professor Soh Yeng Chai of NTU EEE and Dr Zhang Ying of SIMTech, the team discovered a simple way to build cheaper optical interleavers/deleavers that could be used to increase the capacity of fiber-optic networks without passing additional costs to the consumer. The Bronze Award was won by the team comprising of Liang Xiaojun, Sun Yi and Zhang Xuming, who are doing postgraduate studies in NTU's EEE too. The team worked together with Associate Professor Liu Ai Qun and developed a chip-based diagnostic kit to rapidly detect cancer. (See Fact Sheet)

A total of 87 entries were received from universities and tertiary institutes throughout the Asia-Pacific region. Out of which, 12 projects were short-listed with NTU having four in the list. The short list saw eight projects from Singapore, two from Australia and one each from India and the Philippines.
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.

For more information, visit http://www.ntu.edu.sg/.