

Press Presse Prensa

Automation and Drives

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Cooperation with Nanyang Technological University

Siemens collaborates with Singapore's Nanyang Technological University on training and research in electronics technology

Siemens Automation and Drives, Electronics Assembly Systems Division (A&D EA) and Singapore's Nanyang Technological University (NTU) will collaborate in advancing R&D and providing specialist training in electronics and micro-production.

The cooperation agreement between Siemens and NTU in Singapore is now official. Hans-Dieter Bott, Managing Director, Siemens Pte Ltd jointly signed the memorandum of understanding with Nanyang Technological University's Professor Lim Mong King, Deputy President and Dean of College of Engineering.

The agreement will pave the way for NTU and Siemens to collaborate on advanced research and development on surface-mount technology, as well as providing NTU's students with internships and on-the-job training opportunities. Details of specific collaboration projects will be worked out after further discussions on both sides.

Internships and specialized training

Siemens will initially provide internships at the Siplace training center in Singapore, established since 1994. There are plans to provide internships at other regional and

global training centers to give greater exposure to students. Students will also be invited to work with Siplace's team of technical experts during installations and experience real production environments at the manufacturing sites of Siemens' customers.

The basic internship, which lasts for eight weeks, covers all major aspects of electronics production from setup and programming to production line management. This internship programme with a world-class company is in line with NTU's curriculum of providing its students real-world skills as well as academic knowledge.

Graduates in demand

Siemens' strong commitment to research and education, coupled with NTU's strengths in engineering research and the proven track record of its quality education, led to this partnership.

With this collaboration, graduates will find excellent working opportunities in the industry, which is currently experiencing a shortage of qualified specialists. Many local companies specializing in high-volume production count on innovative Siplace placement technology. These companies, along with Siemens, are highly interested in providing attractive career opportunities to NTU's graduates. Managing Director, Hans-Dieter Bott is convinced that a good education from a respected university alone is no longer enough in today's market: "At all our locations we are looking for highly qualified junior staff with a first-class college education, who can also 'keep their feet on the ground'. That's why students should supplement their theoretical knowledge with practical training and experience. That way, we can be assured that our engineers are qualified and have invaluable production shop-floor experience to be thoroughly familiar with real-life production requirements and be able to keep the customer's practical needs in mind."

Prof Lim Mong King, NTU's Deputy President and Dean of College of Engineering, said: "With this MOU, NTU continues to build its links with the industry and ensures that

the research we undertake and education we provide meet real-world needs. With NTU's established strengths in engineering research, we look forward to working closely with Siemens' engineers to advance electronics technology here.

"At the same time, our students will have the opportunity to work with Siemens' engineers on advanced electronics technology, and gain real-world experience which will be invaluable when they embark on their career."

Siemens A&D benefits from global research network

As part of the cooperative venture, NTU's professors also benefit from the experience and expertise of Siemens A&D's academic network. The Siplace team currently maintains several other teaching and research ventures with other institutions of higher learning, including the TU Braunschweig (*Brunswick*) in Germany, Tongji University in Shanghai, China, and several universities in North and Central America.

The **Siemens Automation and Drives Group (A&D)**, Nuremberg, Germany, is the leading manufacturer in this field worldwide. Products supplied by A&D include standard products for the manufacturing and process industries and for the electrical installation industry as well as system solutions, for example for machine tools, and solutions for whole industries such as the automation of entire automobile factories or chemical plants. Supplementing this range of products and services, A&D also offers software for linking production and management (horizontal and vertical IT integration) and for optimizing production processes. A&D employs 51,800 people worldwide and in fiscal year 2004 (to September 30) earned a group profit of €1,007 billion on sales of €8.8 billion and orders of €8.98 billion.

About Nanyang Technological University

Nanyang Technological University (NTU) is an established tertiary institution with 12 Schools, including three new schools -the School of Humanities and Social Sciences, School of Art, Design and Media, and School of Physical and Mathematical Sciences.

NTU has a distinguished lineage with roots that go back to 1955. Today, we are a research-intensive university ranked among the top 50 in the world. Our strength in science and engineering is acknowledged globally. We have a business school with an MBA programme that is among the top 100 in the world, an internationally-acclaimed National Institute of Education, one of the best communication and information schools in Asia, and a biological sciences school at the forefront of Singapore's life sciences initiative. The Institute of Defence & Strategic Studies is a world authority on terrorism.

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Our New Undergraduate Experience featuring a holistic education including residential living and international experience has received external endorsement for its comprehensive curriculum featuring a rich selection of minors.

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

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On October, 20, Hans-Dieter Bott (left), Managing Director, Siemens Pte Ltd signed the memorandum of understanding with Nanyang Technological University's Professor Lim Mong King.
MOU with NTU.jpg

More information about Siplace: www.siplace.com

Please send any responses with the reference "AD 200510.20e" to:

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