



1 | 2 1. 2006 STSP Course Module Program host and Director-general Chun-wei Chen (third from left), Minister-without-Portfolio Feng-ching Lin (fourth from left), NSC Minister Chien-Jen Chen (fifth from left), former NSC Deputy Minister Chien Tai (sixth from left), and STSP Deputy Director-general Men-feng Wu (first on right) pictured at the Training Result Awards Ceremony (Jul. 19)
 2. (From the left) Deputy Director-general Men-feng Wu, Landis Hotels President Stanley Yen, National Tsing Hua University Professor C. L. Liu, Director-general Chen, and Tze-Chiang Foundation of Science & Technology Chairman Ming-Teh Hsu, following President Yen's speech (Oct. 5)

Personnel Training Taps Employee Potential

Training Subsidies

In an effort to provide students at higher-education institutions contact with industry to reduce the disparity in experience between industry and academic professionals, 31 related course modules in 25 schools were subsidized US\$0.7 million in 2006. The STSP Administration was responsible for US\$0.2 million in subsidies going to 10 course modules at seven local schools. A total 955 people were trained through these courses, concluded as of the end of June 2007. A closing ceremony was held at the NSC on July 19, 2007 to showcase training results.

In 2007, a total 51 course modules at 36 schools nationwide received US\$1.4 million in subsidies. The STSP Administration was responsible for 20 course modules at 13 local schools, and provided US\$0.5 million in subsidies for courses on the biotechnology, telecommunications, computer and peripherals, IC, precision machinery, and optoelectronics industries.

Professional and Technical Talent Training

In 2007, 40 sessions of professional training on semiconductors, optoelectronics, precision machinery, telecommunications, biotechnology, and technology management were held, in addition to three Advanced Technology Seminars. A total 1,902 people times participated in 615 hours of training, strengthening their technical abilities to the benefit of STSP enterprises.

High-tech Industry Tactical Innovation and Core Personnel Training

Notable experts were invited to speak at the "High-tech Industry Tactical Innovation and Core Personnel Training Program" Forums. Mr. John Hsuan, Chairman of Silicon Integrated Systems Corp. and Honorary Vice-Chairman of UMC, gave a talk titled "Operational Style—All is Management" on April 20; Mr. Stanley Yen, President of the Landis Hotels, spoke on "The Future of Taiwanese Industries from the Humanistic and Tourism Perspectives" on October 5; and Professor Chiang Hsu of the Chang Jung Christian University Department of Business Administration spoke on "Set Sail on the Journey to Success—Business Opportunities and Challenges" on November 27. Attended by a total 676 people times, these forums helped Park employees expand their vision for an added operational advantage.

Telecommunications Technical Training

For the development of the KSP telecommunications industry and to enhance the technical knowledge and capabilities of employees, the STSP Administration invested US\$10,000 into seven telecommunications technology courses, providing 40 hours of tuition to a total 280 people times.



Mr. John Hsuan (right), Chairman of Silicon Integrated Systems Corp. and Honorary Vice-Chairman of UMC, gave a talk titled "Operational Style—All is Management" (Apr. 20)



(From left) former CSBC Corporation., Taiwan Chairman, Professor Chiang Hsu of the Chang Jung Christian University Department of Business Administration, Director-general Chen, and National University of Kaohsiung President Ing-Chung Huang (Nov. 27)



Director-general Chun-wei Chen leads trial run of solar-powered vehicle "Apollo" (Nov. 3)



2007 STSP Parent-Child Solar-Power Model Car Challenge at the TSP (Nov. 3)

Parent-Child Solar Power Education Promotion Event

On November 3, a total 1,200 people attended the "Solar Model Car Parent-Child Camp," held in the Central Plaza in front of the STSP Administration Building. Elementary and junior high school participants learned the workings of solar-power model car assembly through parent-child interaction, cultivating the correct educational ideal. This activity was in-line with the government policy for renewable energy promotion, and complimented with the development of the STSP photovoltaic industry cluster.

Short-Term Technological Exchange

Joining forces and resources with the promotional committees of the Academia-Industry Consortium for STSP, the Academia-Industry Promotion Committee at KSP, the National Center for High-performance Computing (NCHC), and southern Taiwan universities, the STSP Administration hosted/co-hosted a total of 38 conferences and forums in 2007, attracting 2,700 people times. The STSP Administration hosted forums on LED, medical devices, and operations management, such as the "2007 Technology Industry Operations Management Forum" on April 17, the "LCD Panel Inspection Equipment Research Forum" on May 18, the "2007 Forum on the Current Status and Development of the LED Industry" on July 13, and the "Forum on the Current Status and Development of Medical Devices" on September 28.

Industry-Academia Cooperation for Innovation

Industry-Academia Cooperation for Innovative R&D

To facilitate the development of new technologies by the STSP industries, the Administration has cooperated with academia to strengthen resource integration. In 2007, eight industry-academia collaborative projects for innovative R&D were awarded a total US\$0.7 million in subsidies for the development of fifth-generation high-purity aluminum sputter targets, fine-pitch COF packaging, ACF Less US Bonding Process, and small turbine generator R&D and testing.

Newly Admitted R&D Institutions

In a diligent effort to assist and strengthen southern Taiwan's R&D resources and enhance R&D capabilities at STSP, the Administration has been recruiting R&D institutions since 2002, including the SME Incubator at the TSP, the Industrial Technology Research Institute STSP Branch, the National Nano Device Laboratories (NDL), the National Center for High-Performance Computing (NCHC), the National Cheng-Kung University (NCKU) Business Incubation Center, the National Chung-Cheng University Innovation Incubation Center, the Academia Sinica Biotechnology Experimental Center in Southern Taiwan (AS-BEST), the National Laboratory Animal Center STSP Branch, and the Telecom Technology Center (TTC). On November 28, 2006, the STSP admitted the MIRDC's KSP Branch. As of the end of 2007, the STSP has recruited a total of ten R&D institutions.

In addition, the NCKU Business Incubation Center R&D Building groundbreaking at the TSP took place on June 22, 2007; completion is set for the end of 2008. The Center is expected to bring in approximately US\$3.3 million in R&D funding annually, and provide technical talent training for 850 people per year.



National Cheng Kung University STSP R&D Building groundbreaking (Jun. 22)