

Hybrid Twinning Program



Partnership Universities in Southeast Asia

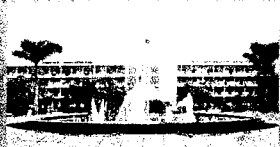


Hanoi University of Science and Technology (HUST)

(Hanoi, Vietnam)

Established : 1959
 Students : approximately 40,000
 Colleges : 20
 Website : <http://www.hust.edu.vn/web/guest/home>

Since its establishment in 1959 as the first national engineering college in Vietnam, HUST has played an important role in the development of engineers in all industrial fields and as an international research institution.



King Mongkut's University of Technology Thonburi (KMUTT)

(Bangkok, Thailand)



Institut Teknologi Bandung (ITB)

(Bandung, Indonesia)

Established : 1959
 Students : approximately 12,000
 Colleges : 11
 Website : <http://www.itb.ac.id>

ITB is the oldest higher education technology institute in Indonesia and today it is considered to be the most prestigious science and engineering university in the country.



Shibaura Institute of Technology: Aiming for further international collaboration Developing human capital for continued growth in Asia-

President Ayao Tsuge, Ph.D.
 Shibaura Institute of Technology

The improvement of international relations is an important key to this challenge. The Shibaura Institute of Technology opened its doors to international students in 1982 when it was still rare for private technical universities to accept applicants from overseas. Since that time, many undergraduates from different countries have studied with us, and we in turn have sent many outstanding international students out into the world. As one of its international projects, the Shibaura Institute of Technology has been the leading university for the Higher Education Loan Fund Project (a.k.a. the HELP project, run by the Malaysian Government with yen loan financing). This has enabled us to contribute to engineering education in order to help foster Malaysian technical experts.

Globalization of the economy extends itself to social systems and the globalization of culture as well. Against this backdrop, the acceptance of international students from Southeast Asian countries in particular is essential not only in a conventional sense of support but also for the continued development of Asian countries.

The Hybrid Twinning Program, started by the university on the basis of this concept in 2005, is a program designed to have a large impact on the countries involved, partner universities, international students themselves, and students and faculty at the university. After evaluation the program was adopted in 2005 under the promotion of the university international education program (international strategic cooperation and assistance) promoted by Japan's Ministry of Education, Culture, Sports, Science and Technology (MEXT).

The Challenge SIT-90 project intends the further development of international collaboration centered on the Hybrid Twinning Program, and aims to contribute to the fostering of talented individuals in Japan and Asia and to promote exchange between the countries and institutes involved.

Outline

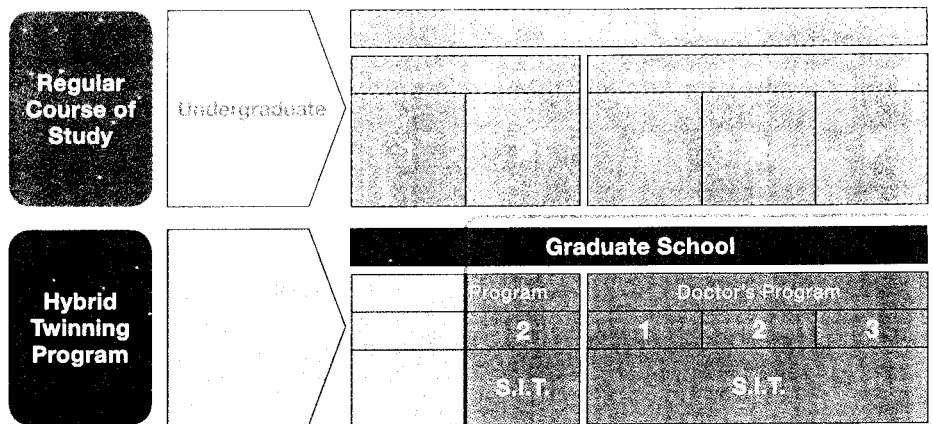
The Hybrid Twinning Program is an international joint graduate level education program that cooperates ("twinning") with partner universities in Southeast Asia and combines ("hybrid") Master's and Doctor's programs.

Concretely, S.I.T. accepts students from prestigious engineering universities in Southeast Asian countries with which the Japanese government aims to enhance and strengthen its cultural, political, economic, and industrial relationships for the future.

Students from partner universities will be accepted to S.I.T. after the first year of their Master's program. They will obtain a Master's degree from both S.I.T. and their home university once they have completed their education with instruction in English. Furthermore, they will pursue their Doctor's program at S.I.T. where English is also the language of instruction. (Doctor's program candidates will be considered upon request from partner universities.)

Independent application to this program is not permitted. Based on the academic agreement between partner universities and S.I.T., applicants recommended by such universities who demonstrate outstanding academic potential or future leadership ability in their own countries will be accepted. Application decisions will be made based on a review of the application and an interview with the applicant. Accepted students receive a scholarship and exemption from tuition.

Hybrid Twinning Program Education System



Education at Partner University

Education at S.I.T.

Hybrid Twinning Program

Double Degree: Conferral of two master's degrees, one from a partner university and one from S.I.T.

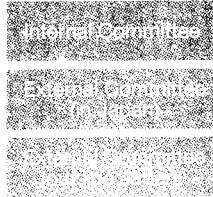
Project Promoting System for Hybrid Twinning Program

Professional Education in English

One of the barriers for students to study in Japan is Japanese language ability. To enable a smooth transfer of their research from their home universities, this program provides all instruction in English. We plan to gradually increase the number of English language advisors and subjects in the future. We also provide Japanese language education at the level of daily conversation. Since 2008 we have been adding courses with an emphasis on technology management and in addition to professionals in engineering fields, we have been inviting special instructors from leading companies in Japan with the expectation that students will provide a bridge between Japan and their home countries for business and cultural exchange.

Program Evaluation System

The following 3 committees will evaluate this education program based on the "Plan-Do-Check-Action" principle by planning, carrying out, and reviewing activities in order to make the program better.



Internal Committee This committee evaluates the Hybrid Twinning Program inside of S.I.T.

External Committee An outside audit committee consisting of experts consigned by S.I.T., held every two years.

Joint Committee S.I.T. and partner universities jointly hold this committee every two years.

Outside Funding—Sustainability of the Program

Students who are accepted by the program are exempt from tuition, and living expenses are covered by either scholarship. Every year approximately 10 new students study under the program and some of them receive scholarships from the Japanese government. Also, there is a scholarship funded by donations from companies who support the program. S.I.T. continues to aim to increase the number of students while making the program self-sustainable by obtaining external funding in order to reduce its financial reliance on S.I.T.

SEATUC (South East Asian Technical University Consortium)

[Outline]

SEATUC, the South East Asian Technical University Consortium, was established by South East Asian partner universities and S.I.T. in May 2006. The Consortium fosters international collaboration and comprehensive exchange programs including the Hybrid Twinning Program.

[Activities and Achievements]

[SEATUC Symposium]

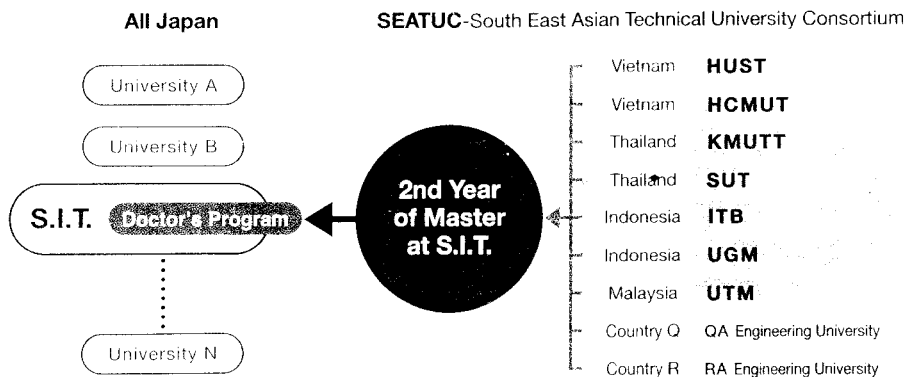
Since the establishment of SEATUC, an annual symposium has been held in turn at partner universities. The initial purpose of the symposium was for students of the Hybrid Twinning Program to present their research achievements at S.I.T. However, the symposium now accepts research presentations in various fields from each partner university leading to development of collaborative research.



[Collaborative Research] The annual SEATUC symposium and the acceptance of students by the Hybrid Twinning Program has helped to promote intercommunication among professors in partner universities and active collaborative research activities.

[Other Activities] Besides the Hybrid Twinning Program, there is a short-term exchange program for undergraduate students. During summer break students screened by partner universities study at S.I.T. and participate in internships under the guidance of professors for about 10 weeks. During their stay, the students participate in tours of factories and hands on training related to their fields of research.

Correlation Chart of SEATUC and the All Japan Version of Hybrid Twinning Program



Universiti Teknologi Malaysia (UTM)
(Johor Bahru, Malaysia)

Established 1971
Students approximately 25,000
Colleges 16
Institutes 10

UTM is the largest and oldest national university in Malaysia, first established as a public university in 1971.



Ho Chi Minh City University of Technology (HCMUT)
(Ho Chi Minh City, Vietnam)



Suranaree University of Technology (SUT)
(Nakhon Ratchasima, Thailand)



Universitas Gadjah Mada (UGM)
(Jogjakarta, Indonesia)

Established 1949
Students approximately 17,000
Colleges 16
Institutes 10

UGM is the largest and oldest national university in Indonesia, first established as a public university in 1949.





General inquiry

**Shibaura Institute of Technology
International Relations Section**

3-7-5 Toyosu, Koto-ku, Tokyo 135-8548 Japan
[Tel] +81-3-5859-7140 [Fax] +81-3-5859-7141
[E-mail] kokusai@ow.shibaura-it.ac.jp

[URL] http://www.shibaura-it.ac.jp/foreign_students/center_for_international_programs_e.html