His Royal Highness Crown Prince Maha Vajiralongkorn graciously presided over the Thammasat University Graduation Ceremony at Thammasat University, Tha-Prachan Campus, on August 2, 2002. In this ceremony, 308 SIIT students received Bachelor's degrees (237 in Engineering and 71 in Science), 13 graduates received the Master's Degree, and 3 graduates received the Doctoral Degree. Since the establishment of SIIT in 1992, the Institute has graduated 7 batches of students and there have been 1358 Bachelor's Degree graduates, 33 Master's Degree, and 3 Doctoral Degree graduates.

### Numbers of SIIT Graduates, Academic Years 1998 – 2001

<table>
<thead>
<tr>
<th>Program</th>
<th>Bachelor's Degree</th>
<th>Master's Degree</th>
<th>Doctoral Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Civil Engineering</td>
<td>53</td>
<td>62</td>
<td>58</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>49</td>
<td>64</td>
<td>64</td>
</tr>
<tr>
<td>Industrial Engineering</td>
<td>62</td>
<td>56</td>
<td>65</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>32</td>
<td>27</td>
<td>37</td>
</tr>
<tr>
<td>Information Technology</td>
<td>16</td>
<td>27</td>
<td>42</td>
</tr>
<tr>
<td>Environmental Technology</td>
<td>-</td>
<td>-</td>
<td>18</td>
</tr>
<tr>
<td>Total</td>
<td>212</td>
<td>236</td>
<td>266</td>
</tr>
</tbody>
</table>

* Joint program with TU Faculty of Engineering

### Opening Ceremony of SIIT at Bangkadi

The former Prime Minister and former Chairman of FTI, His Excellency Anand Panyarachun presided over the Opening Ceremony for the Thanpuying Niramol Suriyasat Building and the School of Information and Management Technology (IT&MT) Building of Sirindhorn International Institute of Technology at Bangkadi on June 5, 2002. Associate Professor Dr. Naris Chaiyasoot, the Rector of Thammasat University and the Chairman of SIIT Board of Trustees; Mr. Praphad Phodhivorakun, Chairman of Federation of Thai Industries (FTI) and President of Kang Yong Co. Ltd.; Mr. Hiroo Sutoh, President of Japanese Chamber of Commerce (JCC), Bangkok; Mrs. Hizako Komei from International Cooperation Bureau, Japan Business Federation (Nippon Keidanren); Dr. Korn Suriyasat and Family; and Mr. Bhuchong Rungroj, Governor of Pathum Thani, were the guests of honor.

In November 1999, Thanpuying Niramol Suriyasat (Chairwoman of Toshiba Thailand Co., Ltd.), Mitsui & Co. (Thailand), Ltd. and the Federation of Thai Industries (FTI) jointly provided approximately 6 rai of land with an existing office building in the Bangkadi Industrial Estate for SIIT’s use for a period of 30 years. The remaining donations of approximately 10 million baht from the Japan Federation of Economic Organizations (Keidanren) and FTI and about 10 million baht from SIIT funds were used to construct the new IT & MT Building and to renovate the office building. The IT & MT Building houses classroom facilities, laboratories, and a library for 300 students.

To honor Thanpuying Niramol Suriyasat, who was instrumental in the establishment and development of SIIT, the renovated office building is named “Thanpuying Niramol Suriyasat Building”.

In order to provide a comprehensive understanding of the content, a table has been included to summarize the numbers of graduates in different academic years for different programs. The table shows the distribution of graduates in Bachelor's, Master's, and Doctoral degrees for the years 1998 to 2001, with a special note on joint programs with the TU Faculty of Engineering.
School of Electrical Engineering and Information Technology

School of Building Facilities Engineering, and Environmental Technology

School of Electrical Engineering and Information Technology

School of Energy Technology, Industrial and Mechanical Engineering
SIIT Day – June 28

On June 28, 1996, His Majesty the King graciously granted the name “Sirindhorn International Institute of Technology” to the Institute. To celebrate the “SIIT Day”, this year the Institute presented the 2001 Best Teaching Awards to two faculty members of SIIT and presented 17 academic excellence awards to graduates of the academic year 2001 (6 gold medals and 11 silver medals). The ceremony was held at SIIT main building, Thammasat University, Rangsit Center, on June 28, 2002.

Assistant Professor Somchai Viriyayudhakorn, TU Vice Rector for General Administration (Rangsit Center); Professor Dr. Pakorn Adulbhan, Trustee of SIIT and Chairman of SIIT Academic Review Committee, and Executive Board Member of the Federation of Thai Industries (FTI); Mr. Kihachiro Sano, President of Teijin Polyester (Thailand) Ltd.; Khun Kobkarn Wattanawrangkul, Vice Chairwoman of Toshiba Thailand Co., Ltd., Advisor of FTI, and Trustee of SIIT; and Professor Dr. Wanlop Surakampontorn from the Department of Electronics, Faculty of Engineering, King Mongkut’s Institute of Technology Ladkrabang, SIIT Academic Review Committee Member, were the guests of honor. About 100 senior students and guests attended this event.

Orientation for New Students and Academic Excellence Awards Presentation, Academic Year 2002

The Orientation for new students of the Academic Year 2002 was held on Friday June 14, 2002, at Auditorium 4, Thammasat University, Rangsit Center. This year, SIIT admitted 574 new students. More than 800 students and guardians participated in the orientation.

Assistant Prof. Somchai Viriyayudhakorn, the Vice Rector for General Administration (Rangsit Center), Thammasat University, was the guest of honor. The students were briefly informed of SIIT academic policies, regulations and procedures, as well as the facilities of SIIT. As part of the orientation, academic excellence awards were presented to 28 outstanding students of SIIT and 4 year-continuing scholarships were presented to 23 new students.

2001 Best Teaching Awards

On “SIIT Day”, June 28, 2002, the Institute presented the 2001 Best Teaching Awards to Associate Professor Dr. Ekawit Nantajeewarawat and Dr. Lalita Tantimuratha.

Associate Professor Dr. Ekawit Nantajeewarawat is the Acting Head of the School of Information and Management Technology and the Chairperson of Information Technology Program. Dr. Ekawit received the first Best Teaching Award in the academic year 1997. In the academic year 2001, Dr. Ekawit taught three courses on Discrete Mathematics, Information Technology III (Object-Oriented Software Engineering), and Artificial Intelligence.

Dr. Lalita Tantimuratha is a full-time lecturer of the Mechanical Engineering Program. In the academic year 2001, Dr. Lalita taught four courses on Thermodynamics, Advanced Thermodynamics, Fluid Dynamics and Heat Transfer.

New Faculty Member

Dr. Bunyarit Uyyanonvara joined the Information Technology Program, School of Information and Management Technology of SIIT as a full-time lecturer in June 2002. He received his Ph.D. Degree in Image Processing from King’s College, University of London, UK. Dr. Bunyarit’s research interests include image processing, texture segmentation, relaxation labeling, and medical imaging.
Outstanding Young Scientist of the Year 2002

Assoc. Prof. Dr. Thananchai Leephakpreeda has been chosen by the Foundation for the Promotion of Science and Technology under the Patronage of His Majesty the King as one of the four outstanding young scientists of the year 2002. The award was presented at the Ceremony held on the “National Scientists Day”, August 18, 2002, at Asia Hotel, Bangkok.

Assoc. Prof. Dr. Thananchai joined SIIT in 1996 as a full-time faculty member of the Mechanical Engineering Program. He received his B.Eng. in Mechanical Engineering from Chulalongkorn University, Thailand in 1992; M.Sc. and Ph.D. in Mechanical Engineering from the University of Akron, USA in 1993, and 1996, respectively.

Assoc. Prof. Dr. Thananchai’s research is on Mechatronics in application oriented control. He has published a number of technical papers in reputable international journals and national journals, and international conferences. He has also published a textbook in Thai entitled “Optimization: Principles and Algorithms”. His research projects have been carried out with financial support from various funding agencies such as National Science and Technology Development Agency (NSTDA) of Thailand, Thailand National Energy Policy Office (NEPO), and the Thailand Research Fund (TRF).

Siam Cement Public Company Limited Awards Scholarships to SIIT Students

The Siam Cement Public Co., Ltd. annually provides scholarships to students with excellent academic performance. This year, on August 22, Mr. Chumpol Nalamlieng, the President of the Siam Cement Public Co., Ltd., presented scholarships to 10 SIIT fourth year students who ranked the first and second in the Civil Engineering, Electrical Engineering, Industrial Engineering, Mechanical Engineering, and Information Technology programs. The scholarship recipients received 30,000 baht for the first rank and 20,000 baht for the second rank.

The Sanwa Bank Foundation Presents Scholarships to SIIT Students

The Sanwa Bank Foundation has annually granted scholarships to SIIT students since 1996. This year, on August 28, 2002, Mr. Shinya Endo, the Executive Director of Sanwa Bank Foundation, Japan, visited SIIT and presented a total of 108,000 Baht in scholarships to three SIIT students who have good academic performance and could benefit from this financial support. The scholarship recipients were: Ms. Sudarat Worapittayaporn, 4th year student of the Mechanical Engineering Program; Ms. Wichuda Khetpiboonchai, 2nd year student of the Electrical Engineering Program; and Mr. Sirisak Wongura, 4th year student of the Electrical Engineering Program. These students received the scholarship of 36,000 baht each.

Seminar on Research and Development in Engineering

On July 11, 2002, Professor Dr. Surin Phongsupsamit from the Department of Mechanical Engineering, Chulalongkorn University, and Mr. Mitsuo Yano, a visiting senior researcher from Japan who has more than 40 years of R&D experience in industries, jointly presented a seminar on Research and Development in Engineering to more than 75 senior students of the Mechanical Engineering Program of SIIT. Associate Professor Dr. Thananchai Leephakpreeda and Dr. Lalita Tantimuratha of the SIIT Mechanical Engineering Program organized and attended this seminar.
SIIT Graduate Receives DAAD-SIEMENS Scholarship for Further Study in Germany

Mr. Puripong Thepchatri has been awarded the DAAD-SIEMENS scholarship to study the Master’s Degree on Information and Communication System at Technical University of Hamburg-Harburg in Germany. The DAAD-SIEMENS scholarship, funded by SIEMENS and German Academic Exchange Service (Deutscher Akademischer Austauschdienst - DAAD) is annually granted to 25 outstanding students from Asia. Mr. Puripong is a graduate of the SIIT Electrical Engineering Program. He received his Bachelor’s Degree, with First-Class Honors, in Electrical Engineering, majoring in Telecommunications, in 2001 Academic Year.

SIIT Student Receives Good Conduct Awards

On May 19, 2002, Mr. Vorayos Thongtan, a fourth-year student of the Electrical Engineering Program, received a good conduct award from The Buddhist Association of Thailand under Royal Patronage. Mr. Vorayos also received a good conduct award from Thammasat University (TU), which was presented to him by the Rector of TU, Associate Professor Dr. Naris Chaiyasoot, in the “Waikru” ceremony held at Thammasat University, Rangsit Center on July 11, 2002. This year, Mr. Chanin Taeratanachai and Miss Treetip Praipatkul represented SIIT students in the “Waikru” ceremony.

Study Visit to Thai Honda Manufacturing Company

The Industrial Engineering Program arranged a field trip for their fourth-year students to visit Thai Honda Manufacturing Co., Ltd. at Ladkrabang Industrial Park on July 10, 2002. The students were accompanied by Asst. Prof. Dr. Navee Chiadamrong, Asst. Prof. Dr. Ruengsak Kawtammachai, and Asst. Prof. Dr. Nguyen Van Hop. Students were guided through Honda’s motorcycle production line and introduced to their Honda products and marketing strategy. This trip enhanced students’ understanding of production planning and automation, topics which have been discussed in their class.

On-road Tests of Mitsubishi Lancer Cedia

MMC Sittipol Co., Ltd. signed a cooperation agreement with SIIT to conduct on-road tests to determine the fuel consumption rate of the Mitsubishi’s new model car “Lancer Cedia” on March 19, 2002. The on-road tests were conducted by the SIIT research team, comprising Associate Professor Dr. Supachart Chungpaibulpatana and Ms. Sukanya Tamsanya of the Energy Technology Program, and Dr. Phiphat Bijayendrayodhin and Associate Professor Dr. Satha Aphornratana of the Mechanical Engineering Program. MMC Sittipol provided funds to cover the testing expenses as well as a scholarship of 36,000 baht for SIIT students.

Research Collaboration between New Jersey Institute of Technology and SIIT

Professor Dr. Layek Abdel-Malek, a Professor of Industrial and Manufacturing Engineering and Associate Dean of Engineering, New Jersey Institute of Technology (NJIT), USA visited SIIT during July 15-19, 2002 to discuss with faculty members of the Industrial Engineering and Management Technology programs regarding future research collaboration between NJIT and SIIT. During his visit, Prof. Dr. Abdel-Malek gave two special talks on “Consignment Stocks in Supply Chain: Modeling and an Industrial Case” and “The Role of Internet Applications Service Providers in Flexibility Enhancement in Developing Nations: A Telemanufacturing Example”.

During September 2002 – January 2003, two SIIT doctoral students, Mr. Tarathorn Kulpattaranirun and Mr. Athawit Techawiboonwong, under the supervision of Assoc. Prof. Dr. Suebsak Nanthavanij and Assoc. Prof. Dr. Pisal Yennadee, respectively, will be conducting research studies at NJIT with financial support from the Royal Golden Jubilee Scholarships granted by the Thailand Research Fund.
Visiting Faculty Members from Germany and Japan

Prof. Dr. Robert Kragler from University of Applied Sciences, at Ravensburg-Weingarten, Germany, visited SIIT from July 14 to August 13, 2002 during which time he offered a “Mathematica Seminar” to senior students of the Telecommunications Program and graduate students of the Civil Engineering and Telecommunications programs.

Assoc. Prof. Dr. Koji Nonaka from the Department of Electronic and Photonic Systems Engineering, Kochi University of Technology, Japan, is lecturing at SIIT during August 2 to October 22, 2002 as a visiting faculty member of the Telecommunications Program. Dr. Nonaka is conducting the Course ET454 Fiber Optics for senior and graduate students of the Telecommunications Program.

SIIT Loading Structure Contest

On September 4, 2002, the SIIT Createch Club organized a “Loading Structure Contest”, which was one of the students’ extracurricular activities of the academic year 2002. The competition was sponsored by the Institute and was held at SIIT at Rangsit, in front of the Createch Club. More than 20 students, comprising the organizers and 5 teams of competitors, participated in this competition.

Before the actual competition, the competitors were provided with the same materials for making the structures. This activity helped the students to gain more engineering related knowledge for practical situations.

The “CEX Team” won the first prize with the highest load to weight ratio.

Introduction to Graduate Education in France

July 3, 2002 : Mr. Etienne Cazin, Head of EduFrance Desk, French Embassy Cultural Section and Mr. Philippe Trahtenbroit, who is in charge of international relations for national and international French engineering schools network, presented a talk to SIIT students on study in France and the scholarships available for graduate students.

TU Freshy Games

The TU Freshy Games were held during August 19 - 29, 2002, by the Thammasat University Student Union (TUSU) to enhance the unity of TU students. SIIT first year students joined with students of the Faculty of Liberal Arts in the “Blue Team” to participate in the Freshy Games. Cheering and parade competitions were held in the closing ceremony at the Main Stadium of Thammasat University, Rangsit Center.