COVER: Versatile as it is strong and durable, the bamboo is symbolic of the Institute's inherent character, which has been fittingly recognized by prestigious awards received over the past decade. Under a new leadership, AIT, strengthened by its accomplishments, faces the challenges of a new era.

The 1995 Annual Report of the Asian Institute of Technology has been prepared by the Office of Media and Information Services.

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HIGHLIGHTING 1995

NEW AIT PRESIDENT

The year saw the successful search for a new President of AIT to succeed Prof. Alastair M. North on his retirement. The task was carried out by a nine-person Presidential Search Committee, elected by the Board of Trustees in January 1995. The PSC, chaired by H.E. Mr. Manfred G. von Nestitz, the Canadian Ambassador to Thailand, and with trustee, faculty, and alumni representation, worked throughout 1995 to identify a candidate to recommend to the Board. The PSC received communications from 121 potential candidates, including 98 full applications. After the interview of 18 shortlisted applicants in Bangkok, London and New York, three candidates were invited to Bangkok in December 1995 for final evaluation. The Board of Trustees has accepted the Committee’s recommendation for the next President of AIT. He is Prof. Roger G. H. Downer, former Vice President for University Relations and Professor of Biology and Chemistry of the University of Waterloo in Ontario, Canada. He will assume office on 1 August 1996.

NEW ALUMNI PRESIDENT

The AIT Alumni Association launched its search for a new president in June 1995. Mr. Surendra Shrestha (CS '80), Director, UNEP Environment Assessment in the Asia-Pacific Region, was elected to the post in January 1996, succeeding Mrs. Chuanpit Dhamasiri (EE '68). He will serve until December 1997.

LANDMARK EVENTS

January 27 Thai Prime Minister H.E. Mr. Chuan Leekpai visited the Institute. He said, “As a multinational center of higher learning, AIT represents not only Asian scholarship but also expanding ties among Asians. Knowledge is cross-cultural in nature. Nowhere is this more evident than at AIT.”

February 13 The AIT Center in Vietnam officially opened a diploma program in industrial systems engineering, with support from the Government of Belgium.

April 20 Of the first 30 graduates from the Swiss-AIT Vietnam Management Development Program in Ho Chi Minh City, 23 joined the School of Management and received Master's degrees. SAV is now on its third academic program (1995-97).

November 13 The Asian Management Awards for Development Management was presented to AIT, in recognition of its contributions to human resource development and sustainable development in the region.

STUDENTS AND ALUMNI

By program, the five largest groups of graduates were ranked as follows: management (84 graduates), environmental engineering (52), agricultural and food engineering (46), and 47 graduates each for human settlements development and geotechnical and transportation engineering. The three graduations in 1995 brought the total number of alumni since 1961 to 7554.

Resource Generation

- Total contributions received in FY 1994-95: Bath 791,703,000
- Total contributions by sector (% of total contributions received)

| FY 1994-95 | Governments (68.9%) | International Organizations (12.6%) | National Government Agencies (10.9%) |
| FY 1995-95 | Governments (75.8%) | Business, Foundations (10.5%) | International Organizations (5.9%) | National Government Agencies (6.5%) |

Five largest groups of graduates in 1995

<table>
<thead>
<tr>
<th>Country</th>
<th>Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thailand</td>
<td>106</td>
</tr>
<tr>
<td>Vietnam</td>
<td>67</td>
</tr>
<tr>
<td>PRC</td>
<td>40</td>
</tr>
<tr>
<td>Nepal</td>
<td>39</td>
</tr>
<tr>
<td>Bangladesh</td>
<td>38</td>
</tr>
</tbody>
</table>

Five largest groups of alumni (1961-1995)

<table>
<thead>
<tr>
<th>Country</th>
<th>Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thailand</td>
<td>1711</td>
</tr>
<tr>
<td>China Taipei</td>
<td>758</td>
</tr>
<tr>
<td>Philippines</td>
<td>725</td>
</tr>
<tr>
<td>Sri Lanka</td>
<td>539</td>
</tr>
<tr>
<td>Bangladesh</td>
<td>526</td>
</tr>
</tbody>
</table>
1987
Science and Technology for Development Award

presented by the United States Agency for International Development and the National Research Council

for effectively transferring industrial technology and skills to the developing world, by training scientists and engineers from Asian countries

1989
Ramon Magsaysay Award for International Understanding

for shaping a new generation of engineers and managers committed to Asia, in an atmosphere of academic excellence and regional camaraderie

1994
Development Management Award

presented by the Asian Management Awards

for fostering manpower development, technological change and sustainable growth in the region, through advanced education and research
SCIENCE AND TECHNOLOGY FOR DEVELOPMENT AWARD

AIT and eight other organizations were presented special awards by USAID and the National Research Council, USA, in recognition of their significant contributions to science and technology. The presentation was made on 22 June 1987 in Washington D.C.

The awards presentation was the centerpiece of a symposium, The Role of Science and Technology in Development, which was held to commemorate USAID’s 25th anniversary.

While the awards themselves were non-monetary, they provided an important development benefit by encouraging continued attention to the significant role of institutions in the development process.

Prof. Milton E. Bender, Jr., first President of AIT, expressed his appreciation of the award in these words: “I said many times in the past that if this institution could survive in the first 20 to 30 years, its future was absolutely secure. I think this award is further assurance of the stability of AIT and its recognized worth to Asia.”

RAMON MAGSAYSAY AWARD FOR INTERNATIONAL UNDERSTANDING

The late Philippine President, Ramon Magsaysay, was one of the most outstanding leaders of our time. His objective was to improve the lot of his countrymen and he approached the task with selfless devotion. The annual Ramon Magsaysay Awards gives recognition to those ideals which characterized his life and the courageous service which he rendered to the people of the Philippines. The Awards honors individuals and organizations in different fields of service and endeavors.

As Institute President Alastair North proclaimed at the presentation ceremony on 31 August 1989, “My pride and pleasure are the greater since you honor not one person, but the many who have made the Institute what it is today.

"The endeavors and successes of more than four thousand Institute alumni provided the basis of this signal honor. These graduates now live as friends, colleagues, indeed, as one family that crosses national boundaries and differences in political ideology or religion. This corps of dedicated persons is the success of the Institute, the source of our honor and pride.”

In 1989 the Ramon Magsaysay Awards honored AIT, represented by President North (standing extreme left), and four private individuals for their exemplary roles in different fields of service and endeavors.
DEVELOPMENT MANAGEMENT AWARD

The Asian Management Awards, Asia's most rigorous examination of corporate and organizational excellence, is a tribute to organizations that create the future. The annual Awards, which is presented in five categories, is conducted by the Asian Institute of Management (AIM) and the Far Eastern Economic Review in partnership with leading Asian organizations.

The Development Management Award recognizes AIT's role in human resources development by providing advanced education and research in technology, science and management, and its contribution to technological change and sustainable development in the Asia-Pacific region through its alumni.

The Awards also noted the critical tasks undertaken by AIT for its host country, Thailand, particularly in the areas of infrastructure development, human settlements and environmental management. It described AIT and the other winners as trail blazers. They blaze the trail for all of us, AIM pointed out, and by their example, they will teach young Asian managers the right way of doing things. They are quality-oriented, market-driven, change-ready, and innovative.

President North received the Award for Development Management from H.E. Mr. Aninay Virawan, Deputy Prime Minister of Thailand.
PRESIDENT’S MESSAGE

It is with some sadness and nostalgia that I pen this message, my 13th and last for the AIT Annual Report.

Each year I have recorded steady growth and measures of success, but the jubilation is muted by ever-growing concern for the long term sustainability of the Institute. As the search for a new President progressed through 1995, I have had to reflect on what sort of an Institute will be handed to my successor’s leadership, taking into account the problems that we have overcome and the difficulties that we face.

Various infrastructural developments provide an indication of growth under Prof. North’s Presidency. Above is a panoramic view of a new “academic avenue” on the north side of the campus, stretching from the Chalerm Prakiat Building to the Ouarech Building. Other new structures on this avenue and its immediate surroundings are academic buildings for agricultural and food engineering, aquaculture, biotechnology, telecommunications, computer science and energy technology, and an extension of the water resources engineering laboratory.

Opposite page: Campus pictures, from top:
Further improvements are underway, including rebuilding of the perimeter dyke and along the floodwall.
A 100-rat plot at the southwest corner of the campus has been allocated for the new technology park in which AIT is partnering Thammasat University and the Ministry of Science, Technology and the Environment.
New campus facilities include the golf club house.

Bottom picture: President North with Vice Presidents Prof. Ricards P. Poma (Academic Affairs) and Prof. Prasit Karasudhi (Development).

Campus Development
I had hoped that 1995 would see the completion of certain physical campus developments. I should have liked to pass on to my successor a clean campus, uncluttered by building work and with its lease renewed to 2031. While we completed construction of our biotechnology building and commenced work on major faculty and staff housing, which consists of some 90 apartments to be opened in early 1996, we are in the early stages of planning for a new building for the proposed pulp and paper technology program and the construction of a wind tunnel. This means that construction activities will continue into the next Presidency, as must negotiations for our lease agreement with the Ministry of Finance in the Royal Thai Government. This said, however, 1995 did see considerable improvements in the appearance of our campus, with particular attention paid to the care of its flora and fauna and the introduction of control measures concerning entry procedures and parking facilities for motor vehicles.

Strategic Planning
A healthy university must undergo continuing academic development. 1995 saw our four Schools preparing themselves for the next century. Each School has spent considerable time in constructing its own strategic plan for the next five years. The individual school plans have been integrated into an Institute-wide plan that addresses our overall mission and objectives as well as our policies for sustainability (to which I made reference in my message to the 1994 Annual Report).

Academic Developments
In the academic arena in 1995, new programs in bioprocess technology, infrastructure planning and management and urban environmental management took off. Total student enrolment in the degree programs was maintained at over 1000. Sponsorship commitment for a new program in environmentally sustainable pulp and paper technology has been secured and support for on-going programs has been assured.
Flood Protection

The most exciting campus event of 1995 was undoubtedly the flooding of Pathum Thani Province in October. To the west and north of our campus, the flood rose to a depth of almost two meters. Unknown to us, part of the flood protection bund had subsided over the past twenty years - in one place by more than one meter relative to mean sea level. We had to work day and night to strengthen our protection as the waters lapped within inches of the top of the bund. We had to raise the level of the water in our internal drainage system, too, so as to reduce pressure on the uncompacted components of the bund. Fortunately, we escaped with only a relatively minor flow onto the golf course, which served a new purpose as water catchment area. This was drained within 48 hours so that damage was minimized. A program to rebuild the bund above its 1973 specification is underway.

Financial Front

On the financial front, the Institute again completed the fiscal year in balance, although the increasing proportion of the unrestricted cash operating budget which is devoted to salaries continues to give cause for concern. A significant factor in this is the decreasing faculty secondment, alongside increases in the number of directly hired faculty, so as to maintain the faculty to student numbers increase. This point will require serious attention in the years ahead, particularly as directly hired faculty are requesting higher salaries and lower faculty to student ratios.

In 1995 the Institute received an unusually large number of evaluation missions monitoring the grants of several large donors. The very constructive assistance of these missions is always appreciated, but they do place an administrative load on the Institute. We are trying to introduce broader coordination and collaboration with the donor community, concentrating on the Nordic countries where this effort seems most likely to succeed.

As always, this year's Annual Report gives details of the academic and financial position of the Institute, as well as of student and personnel statistics. The increasing numbers of externally and self-supported students are a positive sign of future sustainability, while our expanding geographic coverage reflects the regional service of the Institute.

The Institute's future will never be easy, but with, I am sure, be one of continuing progress and successful service. For this I want to express my deepest appreciation of the efforts of my colleagues in the Institute, as well as of the trustees, alumni, donors and many other supporters. I wish you all great success in the years ahead.

Alastair North
NEW AIMS, NEW CHALLENGES

Farewell remarks of President Alastair North
(Excerpted from "A Personal View of 13 Years of Service", Report of the President to the Board of Trustees' meeting on 23 January 1996)

"... AIT is the fourth university in which I have held a Faculty position. Yet it has given me the most rewarding as well as the most demanding years of my career. Of course, it is the most senior of the four positions I have held, but that alone is not the whole story. AIT is truly 'great' in all the meanings that this word carries when applied to institutions. The mission of the Institute is more noble, more clear (I have in the past called it more 'singular') than that of any other university I know. This sense of purpose and mission binds everyone in AIT to a common resolve, regardless of their personal differences and the diverse directions in which they might want to develop their work. Everybody who contributes to AIT becomes enriched, leaving the Institute more respecting of other nationalities, more understanding of the real purpose of education, more sympathetic and tolerant... Students, staff and faculty all share this experience. In AIT as elsewhere in life, the more one puts in, the more one gets out. The chief executive officer is asked to put the most into running the Institute and, I assure the Board, gets the most out.

"For this I am eternally indebted to the Board of Trustees, who contacted me in 1982, appointed me in 1983, and who have supported me through all circumstances ever since. (The circumstances have not always been easy.) The word 'support' is inadequate to cover the wise advice, the personal friendship, the right word at the right time (given in a personal capacity), combined with the financial help and the promotional assistance which have marked the relationship between the Board and myself over the years.

"While I have formed friendships of differing degrees with all Trustees, I do want to make special reference to my deep gratitude to the Chairperson and the Vice Chairperson of the Board.

"...Over 13 years I have worked with five Vice Presidents for Academic Affairs, three Vice Presidents for Development and one Vice President for Administration. They have served the Institute well, supporting myself as President and creating friendships that will outlast our tenure in AIT. However, only one has been a Vice President for the whole period, Prof. Ricardo Pama. I am sure that Ric Pama will go down in history as one of the most successful Vice Presidents for Development. He lifted the Institute from the aftermath of financial collapse (1975) to the level of donor support that enabled the steady growth through my Presidency.

"...No President can operate without the support of the students, faculty and staff of the Institute...To the seven faculty representatives and three staff representatives, to the golf club captain, to 19 Student Union presidents and to the faculty and staff whom I have come to know on a personal basis, my thanks for making my stay at AIT one of happiness and reward.

"Members of the Board of Trustees, for the 13 most wonderful years of my professional life, I thank you all."
"Mr. Chairman, Trustees:

"Please allow me to say a few words of valediction.

"This year marks my 26th year of service to the Institute. I came to AIT to serve and I gave her my best. I dedicated the most productive years of my life to the welfare of AIT serving for eight years as faculty member, 14 years in fund raising as Vice President for Development and four years of academic administration as Vice President for Academic Affairs. I have served three Chairpersons of the Board: three years under Dr. Puey Ungphakorn, two years under Dr. Oscar Mapua and 21 years under Dr. Thanan Khoman.

"I served four Presidents: four years with Dr. Milton Bender, two years with Dr. Harold Hoelscher, seven years with Dr. Robert Banks and 13 years with Prof. Alistair North.

"In the history of the Institute, no other alumnus has been given so much opportunity to serve AIT. I thank you all for giving me your trust and confidence for so long a time. I cannot ask for more!

"Building a great institution is like constructing a pyramid. Each stone must be properly positioned in place so that another stone can be placed on top. I shall leave AIT replete with the thought that I have added my piece of stone to the AIT pyramid. Let others who desire to serve AIT come forward and add their piece of stone.

"All these years, I have preached to AIT students the gospel of serving their respective countries. I, too, must follow what I preach. On 30 June 1996, after 26 years of service to the Institute, I shall be returning to the Philippines to serve my country with whatever is left of my productive years.

"May I wish you all the best in the years ahead! May AIT, which we all love dearly, continue to prosper and retain its reputation as being one of the best postgraduate institutes in the Asia-Pacific region into the 21st century.

"May God bless you all and goodbye!

Ricardo P. Pama

Farewell Remarks of Vice President
Ricardo P. Pama

(Full text of the VPAA’s farewell remarks to the Board of Trustees’ meeting on 25 January 1996)
ACADEMIC AFFAIRS

FACULTY

Emphasis was placed on the formulation and implementation of new policies and arrangements in respect of faculty, curricula, and academic developments. Restructuring activities and strategic planning exercises were carried out in support of curricular change and the expansion of outreach activities.

The Institute’s Faculty profile underwent dramatic changes not only in terms of composition, but more importantly in the areas of professional development, faculty audit, promotion, and participation in decision-making.

Professional Development and Academic Quality Audit

Opportunities for upgrading activities were placed at the service of faculty members. In the main, these came in the form of annual faculty development workshops. In addition to their professional value, upgrading activities foster personal interactions among faculty members and enhance the international character of the AIT community.

The workshops led to the establishment of Academic Quality Audit Teams or AQAT in individual Schools. With the support of the Center for Language and Educational Technology or CLET, the teams were set up to conduct regular reviews of teaching methods and the means by which they are evaluated. The first such audit was launched in 1995.

Participation in Decision-making

Created under the Institute’s new committee structure, the School and Center fora enable individual academic units to conduct rigorous self-examination through strategic planning exercises. These exercises are carried out within the bounds of the Institute’s mission. They address such issues as academic programs, research and outreach activities, finance, facilities and equipment, and student affairs. Inputs from the School and Center fora in 1995 have been incorporated in the Institute’s First Strategic Plan (1996-2000).

Guidelines for Promotion and Incentive Schemes

Faculty recognition through promotion is spelt out in the newly formulated criteria for awarding academic ranks. In addition to teaching and publishing activities, other major considerations for promotion are faculty participation in research and outreach activities and service provided to the School and/or the Institute. These guidelines have been adopted by the Faculty Appointments and Promotions Panel.

A revised scheme for the distribution of income from research, taking into account overheads and faculty time costs, is now being implemented.

A related development is the introduction of individual terms of reference, which enable faculty members to develop variable profiles of activities that would allow them to devote more time for outreach activities, while maintaining a minimum load of teaching and student supervision.
Recruitment and Composition

The position of Chair Professor was introduced to the faculty ranks. Recruitment of direct-hire faculty was increased, while that of part-time faculty was reduced.

Stringent recruitment procedures were adopted to ensure the quality of incoming faculty. As a means of assessing their teaching and communications skills, short-listed candidates for faculty positions are now required to conduct seminar and workshop presentations in their areas of expertise. Faculty positions are advertised internationally.

To facilitate the integration of incoming faculty, an orientation program, including briefing sessions and the provision of latest information on matters of personal and professional interest, was developed.

Full-time faculty strength in 1995 increased by 8% over 1993, due mainly to rising student enrolment in SOM and in the newly-established fields of study in electric power systems management, bioprocess technology, information management, infrastructure planning and management, and environmental remote sensing and geo-information for development.

Of the total number of faculty, seconded faculty accounted for 35%, down from 40% in 1994. The Institute's target faculty composition is 50% direct-hire and 50% seconded.

Outreach Activities

The volume of published works in international refereed journals and conference proceedings maintained a healthy trend over the past few years. The increase in the number of research reports was partly influenced by opportunities extended by the institute for greater faculty participation in outreach activities.

Although fewer in number, research projects conducted in 1995 yielded a revenue of 220 million Baht, the Institute's largest research income to-date. The 1995 income marks a 175% increase from the 1991-92 research revenue of 80 million Baht.

The number of continuing education activities organized by the Schools and Academic Centers (including conferences, workshops, seminars, short courses and special lectures) remained at high levels. The Institute's income from training courses conducted by various units increased from 87 million Baht in 1992 to 109 million Baht in 1995, an increase of 25%.
ACADEMIC DEVELOPMENTS

New Programs

Planning for a new program in pulp and paper technology gained further momentum in 1995. The program is expected to offer two fields of study, namely pulping technology and paper and board technology. A curriculum will be developed in collaboration with the University of Helsinki, the Royal Institute of Technology in Stockholm, the Technical University of Norway, and the Institute of Science and Technology at the University of Manchester, UK.

Also being planned is the introduction of genetic engineering, initially as an integral part of the bioprocess technology program.

Information Dissemination

With further attention given to information dissemination, comprehensive information on AIT has been made available on the Internet. AIT launched a site on the World Wide Web to reach student applicants as well as potential collaborating partners for research and outreach activities. The URL for the AIT home page is http://www.ait.ac.th/

The AIT home page features major Institute publications, as well as a request form for admission. Student applicants from Thailand, India, the Philippines, Indonesia, and Pakistan have tapped this on-line assistance.

New Specialized Centers

The GIS Application Center funded by UNEP/EAP-AP was established in September 1995, as part of SERD. The center conducts training in GIS (geographic information systems) technology and applications and also provides consultancy services.

Also based at SERD is the Center for Gender and Development Studies, which provides a resource to promote and develop the gender dimension across the fields of study offered at AIT. The Center carries out activities in support of a worldwide trend for the integration of gender issues in technological development and natural resource management.

The Center for Library and Information Resources (formerly the Library and Regional Documentation Center) has revitalized library operations, as well as the services offered by its four specialized information centers.

On-line access to databases is made possible through INNOPAC, a state-of-the-art system purchased in 1995. CLAIR's on-line public access catalog contains bibliographic information on all resources acquired after 1971.

The Center for Language and Educational Technology broadened its range of activities with the introduction of the Academic Support Network for students requiring assistance in mathematics, statistics, economics and computer literacy. The ASN is intended for students from countries where the standard of undergraduate education is not at par with AIT's traditional student-sending countries.

Other Ventures

A new program of cooperation was reached with the Worldwide Fund for Nature (WWF), leading to the secondment of WWF staff to carry out teaching and program activities in SERD. A similar program was signed with the International Union for the Conservation of Nature (IUCN).

UNEP/EAP-AP will set up a satellite ground station on campus to support worldwide networking activities.

Top photos, left: The Academic Support Network provides assistance in mathematics, statistics, economics, and computer literacy. Right: Seconded staff from the Worldwide Fund for Nature carry out teaching and program activities for SERD students.

Left: Information concerning AIT's admission requirements can be accessed through the Internet.
STUDENTS

Enrolment

Total enrolment over the past few years followed an upward trend, with full time enrolment in the degree-awarding programs reaching an annual average of 1014 in 1994. Enrolment figures in the Academic Centers (including the Tinkbase and Bridging Programs, and programs in remote sensing and computer applications development) were generally on the rise.

The 1995 Doctoral enrolment, which accounted for 17% of total enrolment, marked a 42% increase from 1992. Female student numbers also rose, now accounting for 26% of total enrolment.

Of the four Schools, SOM showed consistent growth in enrolment. This contrasted with declining student intakes since 1991 in the human settlements development and natural resources programs, due mainly to reductions in internal scholarship grants from traditional donors, diminishing appeal of the programs to prospective students, and lack of targeted marketing efforts.

Exchange programs and active student recruitment campaigns have contributed to an upward trend in student enrolment over the years.
Fee-Paying Students and Students on Partial Scholarships

The number of students on the partial scholarship scheme, which was put into effect in May 1993, continued to rise. In 1995, 106 students were enrolled under this scheme, up from 47 in 1994, with the two largest groups coming from Thailand (78) and PRC (39).

The number of self-supporting students was significantly up at 183 during the September 1995 term, compared with 30 during the same period in 1992.

Further increases in the number of fee-paying students and students on partial scholarships should help offset the decline in internal scholarship support.

Individual Study Plan

The individual study plan enables students and their respective advisors to work out ideal course combinations and to select research topics suited to the academic and professional needs of individual students. At the School level, field-focused remedial courses are offered on request.

Related to the individual study plan is the student:faculty ratio, the desired optimum level being 9:1. The current average ratio ranges from 8:1 to 9:1.

International Student Body

Over the years, the AIT student body has become truly international. The Institute admitted students from Bolivia and Brazil in 1992; Luxembourg, Spain, Tonga and Vanuatu in 1993; and Austria and Nigeria in 1994. In 1995 Botswana, Kazakhstan, and Sierra Leone joined the league of student-sending countries.

An interesting trend over the past four years is the increasing number of students from less developed countries in Asia and other regions.

![Students in traditional costumes](image)

AIT students dressed in their national costumes give a regional color to Institute events. Above and on the opposite page, students from Indonesia, Myanmar, Philippines, Vietnam, Thailand, and PRC don traditional attire from their respective countries.

1995 Student Enrolment

<table>
<thead>
<tr>
<th>Term</th>
<th>Schools</th>
<th>Centers*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan</td>
<td>1024</td>
<td>70</td>
</tr>
<tr>
<td>May</td>
<td>984</td>
<td>39</td>
</tr>
<tr>
<td>Sept</td>
<td>1022</td>
<td>77</td>
</tr>
<tr>
<td>Average</td>
<td>1010</td>
<td>62</td>
</tr>
</tbody>
</table>

* Including Talkbase and Bridging Programs and courses in remote sensing and PCAD (Program in Computer Applications Development).

1995 Master's and Doctoral Enrolment (Average)

<table>
<thead>
<tr>
<th>Doctoral</th>
<th>Master's</th>
</tr>
</thead>
<tbody>
<tr>
<td>D.Eng.</td>
<td>73</td>
</tr>
<tr>
<td>D.Tech.Sc.</td>
<td>50</td>
</tr>
<tr>
<td>Ph.D.</td>
<td>38</td>
</tr>
<tr>
<td>Total*</td>
<td>161</td>
</tr>
</tbody>
</table>

* Of the total number of 949 degree students, 17% are enrolled in the Doctoral program.
Through social, cultural, and sports activities, the AIT Student Union conducts a variety of enrichment programs on- and off-campus. While fostering lifelong friendships among students from diverse cultures, these programs also encourage national traditions to flourish. At the AIT campus, the charms of an international student body are multiple, the images diverse. Always, the students' traditional costumes lend a festive air to occasions, such as the AIT Fair.

<table>
<thead>
<tr>
<th>1995 Student Enrolment by Country</th>
<th>1995 Student Enrolment by School</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Jan</strong></td>
<td><strong>May</strong></td>
</tr>
</tbody>
</table>

- **Bangladesh**: 84, 71, 96
- **Belgium**: 1, 1
- **Bhutan**: 21, 5, 10
- **Bolivia**: 1, 1, 1
- **Botswana**: 1
- **Cambodia**: 38, 25, 24
- **Canada**: 2
- **Chinese Taipei**: 41, 25, 38
- **Denmark**: 1, 1
- **Finland**: 1, 3, 2
- **France**: 1, 1, 7
- **Germany**: 1, 3, 3
- **Hong Kong**: 2
- **India**: 55, 55, 56
- **Indonesia**: 62, 42, 38
- **Japan**: 2, 2, 2
- **Kazakhstan**: 1, 2, 2
- **Kenya**: 2, 2, 2
- **RoK**: 12, 12, 7
- **Laos**: 14, 18, 17
- **Malaysia**: 7, 6, 14
- **Maldives**: 2, 2, 2

- **Mongolia**: 4, 4, 5
- **Myanmar**: 25, 25, 29
- **Nepal**: 76, 81, 81
- **Netherlands**: 1, 1, 2
- **Nigeria**: 1, 1
- **Norway**: 3
- **Pakistan**: 52, 34, 41
- **PNG**: 1, 1, 0
- **Philippines**: 42, 46, 42
- **PPIC**: 81, 78, 81
- **Sierra Leone**: 1
- **Spain**: 2
- **Sri Lanka**: 44, 41, 45
- **Sweden**: 1, 1, 1
- **Switzerland**: 1, 1, 1
- **Tanzania**: 5
- **Thailand**: 263, 288, 315
- **USA**: 4, 2, 1
- **Vietnam**: 121, 121, 108

**Total**: 1070, 1008, 1081

*Not including Pre-Master's English Program.*

- **School of Advanced Technologies**: 56, 90, 82
- **ISE**: 47, 90, 84
- **IM**: 9, 9
- **TG**: 30, 51, 61

- **School of Civil Engineering**: 80, 46, 68
- **IREM**: 15, 16, 23
- **SEC**: 35, 47, 99
- **WRE**: 32, 30, 47

- **School of Environment, Resources and Development**: 126, 129, 82
- **ET**: 71, 70, 45
- **EE**: 109, 104, 82
- **HSG**: 94, 93, 58
- **NR**: 38, 57, 39

- **School of Management**: 151, 100, 192
- **Others***: 59, 40, 52
- **PCAD**: 40, 14, 48
- **Remote Sensing**: 1
- **Pre-Master's English**: 24, 15, 18
- **Bridging Program**: 6, 9, 13

**Total**: 1094, 1023, 1069

*Special Program and Certificate students.*
The Institute awarded degrees to 486 students in 1995.

Between 1991 and 1995, the majority of graduation award recipients were from Vietnam (12), Philippines (11), Sri Lanka (10), Nepal (10), India (9) and Thailand (6).

### 1995 Graduation Record

#### by Degree

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| School of Management | 73  | 4   | 7   | 84    |

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GRADUATION AWARDS

April

Mr. Achmad Wicaksono
(SCE, GTE) Indonesia
BARBARA AND
JOHN HUGH JONES PRIZE
Presented by former AIT Vice President for Academic Affairs, Prof. John Hugh Jones, and his wife, Barbara.

Mr. Lee Cheol-Ju
(SCE, GTE) Republic of Korea
CHIN FUNG KEE PRIZE
Established in memory of the late Prof. Chin Fung Kee, former Vice-Chancellor, University of Malaya, and past President of the Southeast Asian Geotechnical Society.

Mr. Ha Ngoc-Linh
(SOM, MOT) Vietnam
HAIDER RAZVI PRIZE
Awarded from funds provided by Mr. Syed Mashtaq Haider Razvi, Charge d’Affaires, Embassy of the Islamic Republic of Pakistan and Permanent Representative of Pakistan to the United Nations Economic and Social Commission for Asia and the Pacific.

Mr. Nguyen Nguyen Minh
(SCE, SQ) Vietnam
MAHESH VARMA PRIZE
Established from funds provided by Prof. Mahesh Varma, former AIT faculty member.

Mr. Nguyen Le Tin
(SOM, IB) Vietnam
SAY PRIZE
Awarded to the best student from the Swiss-AIT Vietnam Management Development Program in Ho Chi Minh City.

Miss Gloria P. Gerilla
(SCE, GTE) Philippines
YOHEI MIMURA PRIZE*

August

Mr. Ramji Prasad Neupane
(SERD, AFE) Nepal
HISAMATSU PRIZE
Presented by Prof. Yoshihito Hisamatsu, former Dean of the Faculty of Engineering, University of Tokyo, and Technology Adviser for Nishin Steel Co. Ltd., Japan.

Mr. Donald M. Ugsang
(SERD, NR) Philippines
JAMES A. LINEN III
MEMORIAL PRIZE**

Mr. Oliver Vilar Alvhear
(SERD, EE) Philippines
ROBERT B. BANKS PRIZE
Presented by former President, Prof. Robert B. Banks.

Mr. Aung Naing Oo
(SERD, ET) Myanmar
SUUK NAVAPAN PRIZE
Presented by AIT Trustee Dr. Sukhum Navapan.

Miss Letecia N. Danoloc
(SERD, HSD) Philippines
AKIO MORITA PRIZE*
and TIM KENDALL
MEMORIAL PRIZE**

Mr. Satya Priya
(SERD, AFE) India
Y. Y. KISHIDA PRIZE
Established by Mr. Yoshihiko Kishida, owner of Shin Norinsha Co., Tokyo, in memory of his son, Yoshihiko, and awarded to the best student in the agricultural machinery and management field of study.

December

Mr. Huynh Trung Luong
(SAT, ISE) Vietnam
JAMES A. LINEN III
MEMORIAL PRIZE**

Mr. Surin Kittitornkun
(SAT, TC) Thailand
TELECOM-FINLAND PRIZE
Funded by Telecom Finland and awarded to the most outstanding graduate in the Telecommunications Master’s program.

Mrs. Wang Ning
(SAT, ISE) People’s Republic of China
SHOICHIRO TOYODA PRIZE*

Mr. Cao Hoang Tru
(SAT, CS) Vietnam
TIM KENDALL
MEMORIAL PRIZE***

* Awarded by KEIDANRENG in recognition of the best academic performance among female students in the graduating class.

** Established in 1988 in memory of the late Mr. James A. Linen, a Charter Founding Member and Life Member of the Board of Trustees.

*** Established in memory of the late AIT Trustee Mr. R.M. Kendall.

N.B. Shown in parentheses are the recipients’ respective Schools and fields of study.
**PARTNERSHIPS AND COLLABORATIONS**

**ACHIEVEMENTS**

**RENEWAL OF GRANTS**

Collaborations were renewed in FY 1994-1995 with partner governments (Belgium, Chinese Taipei, France, Germany, Japan, Netherlands, New Zealand, Philippines, PRC, RoK, Spain, Sweden, and Thailand) and donors from other sectors.

**Long-term Renewals**

Of the major long-term renewals, the largest was signed with Thailand (total value: US$12,060,000 for 1995-99), followed by Germany (estimated value: US$4 million for 1995-97).

**Annual Renewals**

Annual renewals were signed with Japan for FY 1994-95 (estimated value: US$3,669,000) and for FY 1995-96 (estimated value: US$3,688,000). A unique feature of both renewals is a special support program for Vietnamese teaching staff, valued at US$210,000 (FY 1994-95) and US$230,000 (FY 1995-96).

**NEW COLLABORATIONS**

**Private Sector**

In Thailand, the largest new private sector collaboration was signed in September 1994 with Finance One Public Co., Ltd. and the John F. Kennedy Foundation of Thailand, in support of a Chair Professorship in Bioprocess Technology (total value: US$192,000).

Abroad, AESOP GmbH, a software company in Stuttgart, Germany, provided software support for teaching activities in industrial systems engineering. The Overseas Construction Association of Japan, Inc. provided scholarships.

**Institutional Collaborations**

Collaborations covering staff and information exchange, training, workshops, curricular development and research, were signed with institutions in Kazakhstan, Uzbekistan, and Kyrgyz. These institutions are as follows: the Almaty Power Engineering Institute in Kazakhstan, Executive Council of the Interstate Council of the Republics of Kazakhstan and Uzbekistan, and the Ministry of Education and Science of the Republic of Kyrgyz.

Similar collaborations were signed with the Ministry of Education and Science and the Mongolian Technical University in Mongolia, and, in the ASEAN region, with the Universiti Sains Malaysia.

The Independent University of Bangladesh and the French Government (through its Embassy in Bangladesh) signed a three-year cooperation program (1995-97) to help develop the IUB Business Program through teaching and monitoring, and to support HRD through training and executive development programs.
PARTNERSHIPS AND COLLABORATIONS

Total Contributions Received FY 1994-95 (’000)

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COLLABORATIONS IN INDOCHINA

Cambodia
Memoranda of understanding were signed in mid-1995 with the Ministry of Education, Youth and Sport, the Ministry of Foreign Affairs and International Cooperation, the Fisheries Department, and the Royal University of Agriculture. The latter two MOUs were signed with AIT’s aquaculture outreach program.

Laos
MOUs were signed with the Lao-
tian Government to support nine Mas-
ter’s scholarships annually for the pe-

Vietnam
A proposal was submitted to Finni-
da* for further support to AITCV for 1996-1999. Another proposal was sub-
mited to EC. Planning for the de-
velopment of the AITCV Thach That campus, which is provided by the Viet-
namese Government, is continuing.

*Department for International Development Cooperation under the Ministry for Foreign Affairs, Finland.
REVIEW OF EXISTING MOUs

AIT-DANIDA PROGRAM

Two major reviews were fielded in the second half of 1995. The first of these evaluated the integrated pest management project, while the second reviewed the overall achievements of the AIT-Danida Program, taking into account curricular and administrative changes resulting from the Institute's organizational restructuring in 1993. Of the total grant of US$12 million for the period 1994-1999, US$1.8 million (excluding long-term faculty and advisers' secondments) were drawn as of December 1995.

To better address Danida's objectives and strategies vis-a-vis AIT's strategic plan, the review missions proposed closer tie-up among Danida-supported projects in the region and potential participation by AIT's outreach centers (i.e., the Asian Disaster Preparedness Center and the Continuing Education Center) in HRD activities for Danida project staff/counters in the region.

AIT-SIDA PROGRAM

Implementation of the six program components in the AIT-Sida program proceeded smoothly. Sida extended its support to cover FY 1995-96 (estimated value: US$ 2,412,500).

Research and teaching are intricately interwoven in the Danida and Sida support programs for collaborative activities, which are aimed at furthering knowledge and improving the quality of life for everyone. As a priority goal, these activities focus on ensuring sustainable agriculture and natural resource use.

PROSPECTS

PENDING PROPOSALS AND PROSPECTIVE RENEWALS

The largest prospective renewal is with Danida in support of a proposed program in pulp and paper technology, the AITCV and other components activities.

The Institute is awaiting the results of proposed annual renewals with Japan, France, and Norway, and long-term renewals with Austria, Canada, China, India, Indonesia, New Zealand, and Switzerland.

In Thailand, proposals have been submitted to the Royal Thai Government and to several Thai state enterprises. A number of renewals with the private sector are also expected.

In Indonesia, collaborations with four different institutions, principal of these being the Directorate General of Higher Education.

OTHER PROSPECTS

It is hoped that a proposed collaboration with the Azerbaijan National Aerospace Agency (ANASA) in Azerbaijan would help pave the way for AIT activities in other countries in Central Asia.

Elsewhere, the Institute is awaiting the results of proposed collaborations with the National Council of Science and Technology (CONCYTEC) of Peru and the Universiti Teknologi Malaysia. Under these collaborations, AIT and the partner agencies will enlist unilateral, bilateral and/or multilateral agency-funding support for a range of joint activities.
OUTREACH ACTIVITIES

AIT CENTER IN VIETNAM

In April 1995, AITCV opened a post-graduate Diploma program in industrial systems engineering, with initial funding from the Government of Belgium. Recruitment of students for the second ISE program was launched in October 1995. Under study are long-term academic programs in the following areas: agriculture, environment, urban and rural planning, and energy technology.

AITCV policies and programs are reviewed and evaluated by a Council of Advisors, which is made up of senior officials from AIT, the Ministry of Education and Training (MOET), donor organizations and related institutions.

AIT's continuing education programs cover a wide range of topics and provide practising professionals with new knowledge while upgrading their skills. In its ten years, the Asian Disaster Preparedness Center has gained recognition among countries in the region and elsewhere. Like the Continuing Education Center, it is exploring new ways to expand course delivery.

ASIAN DISASTER PREPAREDNESS CENTER

A recently formulated strategic plan refocuses and clarifies ADPC's core activities, while also restructuring internal operations and reinforcing the Center's commitment to assist Asian and Pacific communities in developing their capabilities and implementing national policies.

Under the Directorship of Mr. John Barrett since 1 March 1995, ADPC is pursing vigorous institutional strengthening and resource generation efforts. A team management approach has been adopted and self-supporting cost centers created, with each cost center manager given responsibility for budgeting, income generation, related reporting, and product delivery.

ADPC will collaborate with Swinburne University of Melbourne in developing a distance learning program, which is scheduled to commence in early 1996. The program will provide graduate Certificate and graduate Diploma courses in emergency and disaster management through self-study module, in addition to on-campus and in-country training activities.

CONTINUING EDUCATION CENTER

Collaborations with international partners continue to be the prime target of CEC's program development strategy. Among these are the development of a distance learning program, to be offered jointly with Deakin University of Australia.

Also being developed is a professional development project at post graduate diploma level, to be offered jointly with Phnom Penh University and SERD.

In 1995 off-campus programs were held in Hanoi with AITCV, in Phnom Penh under the sponsorship of Sida, and in Bhutan under the sponsorship of Danida. The Bhutan program focused on environmental management and related policies, while the Phnom Penh workshop dealt with the management and capacity-building of universities.

Marketing efforts in Thailand and abroad were carried out through direct contacts with potential clients and donors.
### GOVERNMENTS

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**Sub-total** 68.91

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**Sub-total** 12.59
National Economic and Social Development Board 0.55
National Housing Authority 0.02
National Inland Fisheries Institute 0.05
Kasetsart University 0.05
National Science and Technology Development Agency 0.02
Office of Environmental Policy and Planning 0.14
Petroleum Authority of Thailand 0.21
Rajamangala Institute of Technology 0.04
Royal Forestry Department 0.02
Royal Thai Navy 0.11
Securities and Exchange Commission 0.05
Telephone Organization of Thailand 0.38
Ubon Ratchathani University 0.05
United Kingdom
UCLES 0.33
University of Wales 0.05
United States of America
Academy for Educational Development 0.21
International Development Association 0.11
Peace Corps 0.24
University of Michigan 0.20
US Environmental Training Institute 0.09
Vietnam
General Department of Taxes 0.04
Information and Documentation Center for Science and Technology 0.02
Petrovietnam 0.05
Sub-total 10.93

BUSINESS, FOUNDATIONS, PRIVATE AND OTHERS
AMP Corp. 0.02
Bangkok Ria Co. Ltd. 0.01
BCCOM 0.34
BE Finger Berger (Thai) Construction Co. Ltd. 0.02
China Trust Commercial Bank 0.01
Christian and Nielsen (Thai) Plc. Co. Ltd. 0.03
Cici Corp., Chinese Taipei 0.01
Civil Engineering Co. Ltd. 0.02
CITIBANK N.A. - Bangkok 0.01
Chemicals International, USA 0.04
Diamond International Ltd. 0.01
Disciplinics Work, Germany 0.08
Ecumenical Scholarship Program 0.01
Euroconsult, B. V. - Netherlands 0.04
ERABA Corp., Japan 0.07
Ericsson Telephone Corp. Far East 0.03
Energy Technology Equipment Co. Ltd. 0.01
Finance One Plc. Co. Ltd. 0.39
Fujitsu and Johnsson Consultants 0.33
Get Asia Co. Ltd. 0.04
Geotech Thailand Ltd. 0.28
Geotechnical Engineering Industry Co. Ltd. 0.01
GTM Corp. 0.03
I.G.S. Public Co. Ltd. 0.03
IMEX Engineering Co. Ltd. 0.02
Index International Group Co. Ltd. 0.01
International Blaster Co. Ltd. 0.03
International Rubber Parts Co. Ltd. 0.01
Italian Thai Development Co. Ltd. 0.07
Joint Venture BBK 0.18
Kawasaki Corp., Bhutan 0.02
Lahyrene International GMBH 0.01
March Consulting Group - UK 0.33
Marg Ltd., UK 0.03
N-Line Agro International Co. Ltd. 0.03
Nam Thuen IV (EDF) Laos 0.06
Narai Technology Co. Ltd. 0.02
Nathan Association Inc., Bangladesh 0.26
Nawarat Pithakanom Co. Ltd. 0.05
NEC Engineering (Thailand) Co. Ltd. 0.02
Noshinara Co. Ltd. 0.11
Nokia Telecommunications Thailand 0.18
Okuninshis Studien Werk, E.V. 0.03
P. T. Pupuk Kalimantan Timur 0.04
P. T. Waskita Karya, Indonesia 0.01
Pattaya Chamber of Commerce and Industry 0.31
Passavan Werks A.G., Germany 0.03
Pattaya Park Beach Hotel 0.02
Poyferr GMBH 0.01
Quality Training (Thailand) Co. Ltd. 0.01
Showa Solar Energy K.K., Japan 0.01
Siam Cement Co. Ltd. 0.10
Siam DHV Ltd. 0.03
SIEMENS Systems Ltd. 0.01
Sino Geotechnical Corp. Inc. 0.03
Taisel (Thailand) Co. Ltd. 0.01
Taiwan Cement Bhd., Malaysia 0.02
Telekom Malaysia Bhd. 0.02
Tenax Spa, Italy 0.05
Thai-Laos Lignite Co. Ltd. 0.05
Thai Nishimatsu Construction Co. Ltd. 0.01
Tranoy Seafood Products Co. Ltd. 0.02
3M Thailand Limited 0.02
VSL (Thailand) Co. Ltd. 0.01
YME Group, Vietnam 0.04
Urban Wing Corp. 0.02
AEO Group Environmental Foundation, Japan 0.26
AIT Foundation Inc. 0.07
AEEMRC 0.01
APFWLD 0.01
Bangladesh-Canada Cooperation Association 0.09
Care - India 0.01
Chulabhorn Research Institute 0.08
Education and Public Welfare Foundation 0.13
German Foundation for International Development 0.02
Holvitas, Bhutan 0.07
Harvard University 0.03
Innermost Philippines 0.03
International Federation of Library Associations 0.10
International Federation of the Red Cross and Red Crescent Society 0.03
Japan-Indonesia Science and Technology Forum 0.19
Japan Red Cross Society 0.01
Japan Tunneling Association 0.17
JFK Foundation of Thailand 0.20
Japan Trust 0.84
Laca German Forestry Team 0.10
Liasion Office of Denmark - Bhutan 0.03
Menomonee Central Committee 0.01
Nepal Red Cross 0.01
Nepalian-German Technology Cooperation 0.01
Norton Networks Scholarship 0.01
Pak-German Technology Training Center 0.09
Paramo Magdasay Award Foundation 0.03
St. Joseph Institute of Technology, Phil. 0.03
Save the Children Fund 0.03
Technical Cooperation Facility 0.08
Thai Red Cross Society 0.02
Thai Tapco Development Institute 0.11
University of Georgia 0.04
Vietnam-Sweden Forestry Corp. Program 0.01
Vat Yaraasangwararam 0.01
Winnipeg International 0.04
World Council of Churches 0.01
World Vision of Bangladesh 0.05
Worldwide Fund for Nature International 0.02
Aoyagi, Y. Prof. 0.01
Metsä. Kenji Mr. 0.05
Others 0.22
Sub-Total 7.57
TOTAL 160.00

Support was also extended by the following groups and organizations:

- Australian International Solar Energy Society
CENTRAL ADMINISTRATION

CAMPUS DEVELOPMENT

Building Construction

In 1995, the Institute completed the construction of the following academic buildings: Biotechnology, Chalerm Prakiat, Aquaculture, and an extension to the water resources laboratory.

The Biotechnology building was built at a cost of some 12.6 million Baht. Funds to support building construction and acquisition of equipment were provided by the Royal Thai Government, the John F. Kennedy Foundation of Thailand, the Thai Farmers Bank Public Co. Ltd., and the Education and Public Welfare Foundation of Thailand.

The Chalerm Prakiat Building houses laboratories, classrooms and offices for the industrial systems engineering programs. It was built from funds provided by Dr. Somak Leesuwadtrakul, owner and shareholder of business enterprises, the SSP Group of Companies in Bangkok. The 30 million Baht Chalerm Prakiat Building is expected to be inaugurated in mid-1996.

The extension to the water resources laboratory was built from construction funds given by the Royal Thai Government. It cost 6.8 million Baht.

A two-storey structure built at a cost of 1.8 million Baht, the Aquaculture Building is located near the AFE Building. Prefabricated components developed by AIT's Habitech Center were used in the construction.

The P Block, a new dormitory accommodation, was constructed in response to growing demand for campus housing. Built at a cost of 9.9 million Baht using funds borrowed from the General Reserve Loan, the P Block provides 30 housing units.

Eighty-four various size housing units will be made available in 1996 when Staff Housing No. 9 opens. Construction costs for ST-9 are estimated to reach 49 million Baht. Funds were obtained from the General Reserve Loan.

PROCUREMENT

The newly established Procurement department is made up of the purchasing, travel, and insurance sections and the government relations office.

One of the department's priority activities is the computerization of various purchasing-related activities. These include compilation of a relevant vendors' database, systematization of purchase requests and purchase orders, and classification of purchases in terms of prices, demand and supply trends, and so on.
HUMAN
RESOURCES

Employee relations

The Human Resources Office completed the revision of the terms and conditions for permanent employment of local hire staff. A new handbook incorporating the revisions was published. Development of a computerized system for processing personnel action was completed. The office put into effect an insurance scheme for casual workers (worker's compensation).

Some activities initiated in 1995 are expected to be completed in 1996. Among these are a study of the terms and conditions for employment of fixed-term local hire staff and the preparation of relevant recruitment guidelines and publication of a comprehensive staff manual. Also awaiting completion is the computerization of personnel action forms.

Training and Staff Development

Opportunities for upgrading courses, particularly in English language skills and computer applications, were made available to all interested staff.

In addition to on-campus upgrading courses, opportunities to attend off-campus seminars on topics of interest to AIT and all staff were encouraged. A field trip was arranged for senior technicians to visit "World Tech Fair" in northeast Thailand.

Orientation procedures for incoming staff were upgraded. In 1996 opportunities to join staff upgrading courses will be expanded. English language training will be offered to Klong Luang policemen and AIT security guards. Rigorous retraining will be provided in computer applications.

Energy Conservation

Institute-wide energy consumption patterns, compared with the growth in floor space over the past decade, will interest energy conservation enthusiasts. (See chart provided by the Physical Plant).

The implementation of various energy conservation measures in 1996 are expected to further improve efficient energy use on campus. These measures include the installation of an ice storage tank connected to the chiller to even out the peak load demand in the institute.
The five largest groups of AIT alumni are from:

Thailand 1711
Chinese Taipei 758
Philippines 725
Sri Lanka 539
Bangladesh 526

ALUMNI DISTRIBUTION BY COUNTRY 1961-1995

South and West Asia
1. Afghanistan 19
2. Bangladesh 526
3. Bhutan 4
4. Egypt 1
5. India 518
6. Iran 12
7. Nepal 400
8. Pakistan 524
9. Sri Lanka 539
10. Turkey 6

East Asia
1. PRC 295
2. Chinese Taipei 758
3. Hong Kong 87
4. Japan 54
5. Republic of Korea 109
6. Macao 7
7. Mongolia 4

North America, Europe and Africa
1. Belgium 1
2. Bolivia 1
3. Canada 5
4. Ethiopia 1
5. Finland 2
6. France 5
7. Germany 2
8. Ghana 2
9. Honduras 1
10. Kenya 2
11. Malawi 3
12. The Netherlands 2
13. Nigeria 1
14. Sweden 2
15. Tanzania 8
16. UK 3
17. USA 11

Source: Office of Alumni Affairs
March 1996
ALUMNI RELATIONS

AIT ALUMNI ASSOCIATION

AITAA now has 20 chapters, following the establishment of chapters in Vietnam, Myanmar and China. The Vietnam Chapter is headed by a president and two vice presidents - one based in Hanoi and the other in Ho Chi Minh City.

AITAA CHAPTER PRESIDENTS

Australia
Dr. Hai Tao Ma (SEC '90)
Research and Development Engineer
G&D Computing Pty. Ltd.
Sydney

Bangladesh
Dr. Md. Nazmul Islam (IEM '82)
Associate Professor
Institute of Appropriate Technology
Bangladesh University of Engineering and Technology
Dhaka

Brunei Darussalam
Mr. Yong Foh Fui (EE '75)
District Water Engineer
Water Section
Public Works Department
Bandar Seri Begawan

Chinese Taipei
Mr. Yen-Yi Tseng (CRD '73)
President
Rat-Sar Engineering Agency

Hong Kong/Macao
Mr. Tuo T.C. Chan (CRD '76)
Managing Director, TESCO
Causeway Bay
Hong Kong

India
Dr. Ashok Kumar Gupta (CRD '71)
Professor and Coordinator
Center of Transportation Engineering
University of Roorkee
Roorkee

Indonesia
Mr. Martanto Os (WRE '90)
Deputy Head Officer
Riau Development Coordinating Office
Ministry of Public Works
Jakarta

Japan
Mr. Shouke Nishimura (EE '92)
Engineering Researcher
R&D Division
Kurita Central Laboratories
Atsugi City

Republic of Korea
Mr. Chang Pyung Han (SEC '80)
President
CHEON-IL Architectural Design and Engineering Co. Ltd.
Seoul

Malaysia
Mr. Kee Bock Hwee (EE '82)
Executive Director
V-Pila Sistem Sdn. Bhd.
Petaling Jaya, Selangor, Darul Ehsan

Myanmar
Mr. U Lin (IEM '83)
Director
Cho Cho Trading Co. Ltd.
Yangon

Nepal
Mr. Pramod Sagar Singh Pradhan (CS '82)
Program Coordinator
MENRIS, ICIMOD
Kathmandu

Pakistan
Mr. Shaukat Khan (AFE '79)
Chief Executive Officer
Waterman Consultants
Islamabad

People's Republic of China
Mr. Hu Biling (HSD '81)
Economic Officer
World Bank President Mission
Beijing

Philippines
Dr. Primitivo Calang Cal (CRD '70)
Undersecretary
Dept. of Transportation and Communications
Metro Manila

Singapore
Mr. Ho Siaw-Koon (WRE '71)
Senior Principal Engineer
Housing and Development Board
Singapore

Sri Lanka
Mr. W.L.S. Fernando (ET '82)
Duty General Manager
(Generation Planning)
Ceylon Electricity Board
Colombo

Thailand
Dr. Somchet Thinaphong (WRE '80)
Governor
Industrial Estate Authority of Thailand
Bangkok

USA
Dr. Rakesh Sarma (GTE '80)
Consulting Engineering Geologist
Woodward-Clyde Consultants
Livonia, Michigan

Vietnam
Prof. Pham Phu (WRE '82)
Dean
Ho Chi Minh City University of Technology
Ho Chi Minh City
AITAA Governing Board Meeting

The 24th AITAA Governing Board Meeting was held on 21-24 June 1995 in Seoul, Republic of Korea, under the auspices of AITAA-Korea Chapter.

A symposium on the role of education in the construction of infrastructures in Asia-Pacific countries highlighted the meeting. It was chaired by Prof. Pisidhi Karasudhi (SEC '65) and co-chaired by Mr. Chang-Pyung Hann (SEC '80), AITAA-Korea Chapter President.

Resource persons for the symposium and their respective papers were as follows:

**AIT President Alastair North**

*Technology Education for Development: Construction of Physical Infrastructure*

**Prof. Khalid Saeed**

**Prof. Okitsugu Fujiwara**

*AIT’s Multidisciplinary Program in Infrastructure Planning and Management for the Development of the Asia-Pacific Region in the 21st Century*

**Mrs. Chuanpit Dhamasiri**

*(EE '68)*

*Role of Education in the Infra-construction of Thailand - Human Resources Development*

**Dr. Sang-Kyu Kim**

*(GTE '70)*

*Role of Engineering Education in the Economic Growth of Korea*

**Dr. Gunan N. Paudyal**

*(WRE '82, '86)*

*Use of Mathematical Modelling for Planning and Management of Large Scale Water Resources Development*

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**Scenes from the 24th AITAA GBM**

*Top photo, from left: Mrs. Chuanpit Dhamasiri, AIT President Alastair North, Mr. Chang Pyung Hann, and Mrs. Lilja Austriaco.*

*Middle photos: Left: AIT Trustee, Dr. Kim Chung-Gil, second from left, with AIT alumni, Mrs. Fe Ferriols and Messrs. Prapang Angkapanichcharoen, Thanun Bomroongsup, Zhe-Min Hwang, and Anthony Chiu. Right: AITAA-Japan Chapter President, Mr. Satoko Nishimura, presented a donation to the AITAA Endowment Fund. Also in photo are Prof. Pisidhi Karasudhi, AIT Vice President for Development, Mrs. Chuanpit and Mrs. Austriaco.*

*Above: A welcome song from the Korean alumni and their spouses.*
AITAA Forum

Regular dialogues between the Institute administration and senior alumni in influential positions provide opportunities for the sharing of experiences and views on relevant academic, structural and financial issues. The second AITAA Forum, Advancing AIT: Image, Relevance and Excellence, was held on 3 May 1995. Senior alumni panelists in the 1995 forum were as follows:

Dr. Primitivo Cal (CRD ’70)
Undersecretary
Department of Transportation and Communications
Philippines

Mr. Lakman Prasad Ghimire (CRD ’72)
Executive Director
East Consult Pvt. Ltd.
Nepal

Dr. Tongchat Hongladarom (SEC ’62)
Chairman, Executive Committee, and CEO PetroAsia International Corp.
Thailand

Dr. Yew-Chaye Loo (SEC’68)
Professor and Head
School of Civil Engineering
Griffith University
Australia

Institute-Based Alumni Activities

Alumni support activities are initiated and carried out by the Office of Alumni Affairs, under the Office of the Vice President for Development. Major activities carried out in 1995 included the distribution of the 1993 Alumni Tracer Study Summary and preparations for the 1996 study. In addition, the Alumni Affairs Office undertook major revisions to the alumni database to make it more comprehensive and user-friendly.

Alumni Tracer Study

1993 Tracer Study Summary
Distribution of the 1993 Alumni Tracer Study Summary, which was first released in April 1995, was completed. Copies were mailed to all trustees, donors, faculty, AITAA chapters, and other concerned recipients. The survey respondents were given one copy each.

Preparations for the 1996 Study
Preparations are underway for the 1996 alumni tracer study.

Alumni tracer studies are conducted by the Institute once every three years to monitor the career development and professional growth of alumni. The findings provide a basis for curricular changes and innovations introduced by the Institute vis-a-vis its teaching, research and outreach objectives.

AIT Alumni Database and Directory

With assistance from the Administrative Systems Development Unit, further modifications are being made to the alumni database to make it more efficient. To ensure the accuracy and comprehensive coverage of the database, completion of an alumni information dataform is now required of all students prior to graduation.

The alumni database is maintained by the Alumni Affairs Office, and access is provided to authorized users. The database is updated regularly and is put to maximum use in conducting the alumni tracer study.
1995 LIST OF FACULTY MEMBERS

FULL TIME FACULTY

(Full time faculty members are listed in alphabetical order. The italicized entries within the parentheses are their respective fields of study and Schools, or Academic Centers. Please refer to the list of abbreviations on page 33)

Kazi Mohiuddin Ahmed
M.Sc., Leningrad.
Ph.D., Univ. of Newcastle, NSW, Australia.
Associate Professor (TC, SATE)

A.T.M. Nurul Amin
B.A. (Hons.), M.A., Dhaka;
M.A., Ph.D., Manitoba.
Associate Professor (UPLHD, SERD)

Hans C.A. Ammentorp
B.Sc., Danish Hydraulic Inst.;
M.Sc., Tech. Univ. of Denmark.
Associate Professor (WRD, SCE)

Haja H. Andriesasolo
B.Sc., DEUG, D.E.A., Paris VI;
Ph.D., Ecole Pratique des Hautes Etudes en Sciences Sociales.
Assistant Professor (RGSIS, SERD)

Ajit P. Annachatre
B.Tech., IIT Kanpur, Ph.D., IIT.
Associate Professor (BPT, ETM, WVE, SERD)

Yukio Aoyagi
B.Eng., M.Eng., D.Eng., Univ. of Tokyo.
Professor (STE, SCE)

Ray W. Archer
B.A. (Hons), Sydney; M.R.A.P.I.
Professor (UPLHD, SERD)

Scott A. Ashford
B.S., Oregon State;
M.S., Ph.D., California, Berkeley.
Assistant Professor (SE, SCE)

Andrew Azant
B.A., Rutgers; M.S. Ed., Pennsylvania.
Assistant Professor (CLET)

A.S. Balasubramaniam
B.Sc., Ceylon; Ph.D., Cambridge.
Chair Professor (SE, SCE)

Dmitche N. Batanov
Associate Professor (CS, SAT)

Dennis T. Bergado
B.S.C.E., Mindanao State; M. Eng., AIT;
Ph.D., Utah State.
Associate Professor (SE, SCE)

S.C. Bhattacharya
B.E. (Mech.); M.E., Roorkee; Ph.D., Cambridge.
Professor (ET, SERD)

Erik Bohaz
M.Eng., State Univ., Ghent, Belgium.
Assistant Professor (SE, SAT)

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SAT School of Advanced Technologies
CS Computer Science
IM Information Management
ISE Industrial Systems Engineering
TC Telecommunications
SCE School of Civil Engineering
CEM Construction Engineering and Management
EAG Engineering and Applied Geology
IPM Infrastructure Planning and Management
IREM Irrigation Engineering and Management
RCE Riverine and Coastal Engineering
SE Soil Engineering
STE Structural Engineering
TE Transportation Engineering
WRD Water Resources Development
SERD School of Environment, Resources and Development
AMM Agricultural Machinery and Management
APM Agricultural Planning and Management
AT Aquaculture Technology
BPT Bioprocess Technology
EEP Energy Economics and Planning
EPSM Energy Power Systems Management
ET Energy Technology
ETM Environmental Technology and Management
GDS Gender and Development Studies
NRC Natural Resource Conservation
PFPE Postharvest and Food Process Engineering
HRDP Regional and Rural Development Planning
RSGIS Remote Sensing and Geographical Information Systems
UPL HD Urban Planning, Land and Housing Development
WWE Water and Wastewater Engineering
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IB International Business
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| EC | The Hon. Cheng Hon-Kwan, OBE (1996) | Member | Executive and Legislative Council | Hong Kong |
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**CMG:** Former Deputy Prime Minister

**BFC:** Royal Thai Government

**NC:** Bangkok, Thailand
Dr. Oscar B. Mapua (Life Member)
President
Mapua Institute of Technology
Manila, Philippines

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BFC Chairman
Navanatree Group of Companies
Bangkok, Thailand

EC Prof. Alastair M. North (Ex-officio)
PCC President
HDX, Asian Institute of Technology
BFC
NC

EC H.E. Mr. Manfred G. von Nostitz (1997)
Ambassador Extraordinary and
Plenipotentiary
The Canadian Embassy
Bangkok, Thailand

EC H.E. Mr. Takashi Onda (1997)
BFC Ambassador Extraordinary and
Plenipotentiary
NC The Embassy of Japan
Bangkok, Thailand

EC Prof. Ricardo P. Pama (Ex-officio)
PCC Vice President for Academic Affairs
SRC, Asian Institute of Technology

EC H.E. Mr. Anand Panyarachun (1998)
Former Prime Minister of Thailand
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North Carolina, USA

PPC Dr. Wolf Preuss (1997)
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Federal Ministry for Economic Cooperation
Germany

EC H.E. Mr. Jürgen Reimers (1997)
BFC Ambassador Extraordinary and
Plenipotentiary
NC The Royal Danish Embassy
Bangkok, Thailand

EC Prof. Khalid Saeed (Ex-officio)
PCC Faculty Representative
FRC, Asian Institute of Technology
Bangkok, Thailand

EC Prof. Hiroyoashi Shi-igai (1997)
PCC Professor
FRC Institute of Engineering Mechanics
SRC University of Tsukuba, Japan

H.E. Dr. Dieter Siemes (1998)
Ambassador Extraordinary
and Plenipotentiary
The Embassy of Germany
Bangkok, Thailand

SRC Dr. Soedjatmiko (1996)
Director
Institute of Agricultural Engineering
Ministry of Agriculture
Indonesia

Mr. Chatri Saphosponich (1997)
Executive Chairman of the Board
Bangkok Bank Ltd.
Bangkok, Thailand

SRC Mr. Jean-Marcel Soulier (1998)
Chairman of the French Steering
Committee for AIT in Paris
Landes, France

PPC Prof. Charas Suwanwela (1997)
BFC President
Chulalongkorn University
Bangkok, Thailand

Mr. Yoshiro Takasaki (1997)
Chairman
Toyo Seikan Kaisha Ltd.
Tokyo, Japan

Dr. Aran Thamano (1996)
Former Permanent Secretary
Ministry of Finance
Royal Thai Government
Bangkok, Thailand

EC Dr. Viechai Tumiri (1997)
Former Secretary-General
Office of the National Education Commission
Prime Ministers Office
Royal Thai Government
Bangkok, Thailand

EC Dr. Phaichit Uathavikul (1997)
Chairman
Executive Board of Directors
Thailand Environment Institute
Bangkok, Thailand

EC Dr. Sanh Unakul (1997)
Chairman
The Bank of Asia Public Co. Ltd.
Bangkok, Thailand

Dr. Puey Ungphakorn (Life Member)
Former Governor
Bank of Thailand
London, UK

Director, Office of the ADCSC
State Education Commission
Beijing, People's Republic of China

Secretary:
Dr. Roger A. Hawkey
Asian Institute of Technology

Note:
() End of current term of office
EC Executive Committee
PPC Policy and Planning Committee
BFC Board Finance Committee
FRC Faculty Relations Committee
SRC Student Relations Committee
NC Nominating Committee
HDC Honorary Degrees Committee

December 1995
TO THE BOARD OF TRUSTEES
ASIAN INSTITUTE OF TECHNOLOGY

We have examined the balance sheets of the Asian Institute of Technology as at 30th June, 1995 and 1994, the statements of revenues and expenditures of unrestricted current fund and restricted fund-general and the related statements of changes in fund balances for the years then ended. Our examinations were made in accordance with generally accepted auditing standards and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the aforementioned financial statements present fairly the financial position of the Asian Institute of Technology as at 30th June, 1995 and 1994, the revenues and expenditures of unrestricted current fund and restricted fund-general and changes in fund balances for the years then ended, in conformity with generally accepted accounting principles appropriate for a non-profit organization as set out in Note 1 to the financial statements, applied on a consistent basis.

Ernst & Young
Bangkok
21 September 1995

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

1.1 Fund accounting

To ensure observance of limitations and restrictions placed on the use of available resources, the Institute’s books of account are maintained in accordance with the principles of "fund accounting". Under this procedure, resources are classified for accounting and reporting purposes under different funds intended for specific activities or objectives. Within each fund group, distinction is made between fund balances that are restricted by outside sources and unrestricted funds which are allocated by the management to support specific purposes. The Board of Trustees exercises full control over the use of unrestricted fund.

Investment incomes and unrestricted revenues are considered as income in the unrestricted current fund. Investment incomes from endowments, general reserve and capital funds are retained in the respective funds.

Restricted contributions, grants, appropriations and other restricted resources are accounted for in specific restricted funds.

1.2 Accrual basis

The financial statements have been prepared on an accrual basis except for depreciation of fixed assets and contributions.

Depreciation of fixed assets is not recorded in accordance with the fund accounting concept.

Contributions are recognized on a cash basis due to uncertainties surrounding their receipt, which is at the discretion of donors.

The statement of revenues and expenditures of the unrestricted current fund and restricted general fund is a statement of financial activities of the current fund in relation to the current reporting period. It does not purport to present the results of operations for the period as would an earnings statement.

1.3 Contributions in kind

Contributions in kind are reflected in the financial statements on a fair value basis at the time of receipt.
NOTE 2 - INVESTMENTS

These consist of:

<table>
<thead>
<tr>
<th></th>
<th>1995</th>
<th>1994</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time deposits with banks</td>
<td>177,578,841</td>
<td>163,450,375</td>
</tr>
<tr>
<td>Deposits with finance companies</td>
<td>283,290,877</td>
<td>236,766,952</td>
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<tr>
<td>Debenture</td>
<td>2,500,000</td>
<td>-</td>
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<tr>
<td>Warrant</td>
<td>1,000,000</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>464,369,718</td>
<td>400,217,327</td>
</tr>
</tbody>
</table>

The investments of each fund as at 30th June, 1995 and 1994 are as follows:

<table>
<thead>
<tr>
<th></th>
<th>1995</th>
<th>1994</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unrestricted current fund</td>
<td>21,342,805</td>
<td>17,764,737</td>
</tr>
<tr>
<td>Restricted fund</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General</td>
<td>69,238,890</td>
<td>54,505,705</td>
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<tr>
<td>Endowment</td>
<td>65,175,013</td>
<td>63,061,047</td>
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<tr>
<td>General reserve</td>
<td>131,432,906</td>
<td>140,761,755</td>
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<tr>
<td></td>
<td>265,846,809</td>
<td>258,328,507</td>
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<tr>
<td>Capital fund</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liquid assets</td>
<td>75,794,439</td>
<td>46,515,062</td>
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<tr>
<td>Repairs and maintenance reserve</td>
<td>1,203,302</td>
<td>2,883,127</td>
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<tr>
<td></td>
<td>76,997,741</td>
<td>49,398,189</td>
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<tr>
<td>Sponsored program fund</td>
<td>31,015,751</td>
<td>28,114,612</td>
</tr>
<tr>
<td>Agency fund</td>
<td>69,165,612</td>
<td>46,611,282</td>
</tr>
<tr>
<td></td>
<td>464,369,718</td>
<td>400,217,327</td>
</tr>
</tbody>
</table>

Time deposits with banks amounting to Baht 4.4 million (1994: Baht 4.2 million) of the restricted general reserve fund have been pledged with a bank as collateral against outstanding letter of guarantee issued by the bank (see Note 9).
NOTE 3 - ADVANCE DUTIES AND TAXES

These represent advance duties and taxes payments to the Government of Thailand, which will subsequently be reimbursed to the Institute in accordance with the letter of the Office of the Secretary-General to the Cabinet dated 16th July 1985. The reimbursement of the advance is for non-Thai faculty and staff and is subject to the annual government budget of the Government of Thailand.

The details of advance duties and taxes as at 30th June 1995 and 1994 are as follows:

<table>
<thead>
<tr>
<th></th>
<th>1995</th>
<th>1994</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employees personal income tax</td>
<td>9,533,884</td>
<td>10,501,449</td>
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<tr>
<td>Import and tax duty</td>
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<td></td>
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<tr>
<td>- Automobile</td>
<td>526,249</td>
<td>577,799</td>
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<tr>
<td>- Wine and spirit</td>
<td>174,082</td>
<td>613,590</td>
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<tr>
<td></td>
<td>10,234,215</td>
<td>11,692,838</td>
</tr>
</tbody>
</table>

NOTE 4 - FIXED ASSETS

<table>
<thead>
<tr>
<th></th>
<th>1995</th>
<th>1994</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus development</td>
<td>24,768,452</td>
<td>24,311,645</td>
</tr>
<tr>
<td>Buildings</td>
<td>715,466,242</td>
<td>689,992,002</td>
</tr>
<tr>
<td>Furniture and equipment</td>
<td>742,081,710</td>
<td>681,784,479</td>
</tr>
<tr>
<td>Library acquisitions</td>
<td>98,365,928</td>
<td>90,282,806</td>
</tr>
<tr>
<td>Construction in progress</td>
<td>9,027,027</td>
<td>21,372,810</td>
</tr>
<tr>
<td></td>
<td>1,589,709,359</td>
<td>1,507,743,742</td>
</tr>
</tbody>
</table>

Depreciation for the year amounting to Baht 75,494,006 (1994: Baht 69,482,194) has not been recorded in accordance with the fund accounting concept.

NOTE 5 - CONTRIBUTIONS IN KIND

These represent services donated to the Institute in the form of faculty or staff secondments, the estimated value of which is based on the Institute's professional salary scale. The amounts are recognized as revenues and expenditures in the restricted general fund.

NOTE 6 - FUND BALANCES

<table>
<thead>
<tr>
<th></th>
<th>1995</th>
<th>1994</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted fund</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General</td>
<td>18,769,362</td>
<td>21,069,944</td>
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<tr>
<td>Endowment</td>
<td>65,230,319</td>
<td>63,099,490</td>
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<tr>
<td>General reserve</td>
<td>230,847,687</td>
<td>229,629,173</td>
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<tr>
<td></td>
<td>314,847,368</td>
<td>313,798,607</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>1995</th>
<th>1994</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capital Fund</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fixed assets</td>
<td>1,589,709,359</td>
<td>1,507,743,742</td>
</tr>
<tr>
<td>Liquid assets - Unallocated</td>
<td>16,398,979</td>
<td>15,971,077</td>
</tr>
<tr>
<td>Liquid assets - Allocated</td>
<td>59,718,231</td>
<td>39,126,387</td>
</tr>
<tr>
<td>Repairs and maintenance reserve</td>
<td>1,203,302</td>
<td>2,883,126</td>
</tr>
<tr>
<td></td>
<td>1,667,029,871</td>
<td>1,565,724,332</td>
</tr>
</tbody>
</table>

NOTE 7 - AIT INSURED SAVINGS FUND

The insured savings fund scheme is supported jointly by the Institute and the staff, with the staff contributing 5% of basic salary and the Institute 10%. The fund is managed by HHL Employee Benefits Limited. Withdrawals and redemptions of contributions and related earnings are based on the rules of the insured savings fund.

NOTE 8 - CAPITAL COMMITMENTS

As at 30th June 1995, the Institute had capital commitments in respect of building construction amounting to approximately Baht 23.1 million (1994: Baht 5.6 million).

NOTE 9 - BANK GUARANTEES

As at 30th June 1995, there were outstanding bank guarantees of approximately Baht 4.4 million (1994: Baht 4.2 million) issued by a bank on the Institute's behalf, in respect of certain performance bonds required in the normal course of activities carried out by the Institute.
## ASIAN INSTITUTE OF TECHNOLOGY

### BALANCE SHEETS

AS AT 30TH JUNE, 1995 AND 1994

<table>
<thead>
<tr>
<th></th>
<th>Unrestricted Current Fund</th>
<th>Restricted Fund</th>
<th>Capital Fund</th>
<th>Sponsored Program Fund</th>
<th>Agency Fund</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASSETS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investments</td>
<td>21,343,805</td>
<td>17,764,737</td>
<td>205,846,809</td>
<td>258,328,907</td>
<td>78,997,741</td>
<td>49,398,189</td>
</tr>
<tr>
<td>Advance duties and</td>
<td>10,234,215</td>
<td>11,692,838</td>
<td>63,361</td>
<td>63,361</td>
<td>3,404,821</td>
<td>3,432,321</td>
</tr>
<tr>
<td>taxes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts receivable</td>
<td>3,414,503</td>
<td>2,779,177</td>
<td>4,925,598</td>
<td>6,219,020</td>
<td>388,940</td>
<td>143,733</td>
</tr>
<tr>
<td>and accrued income</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deposits</td>
<td>884,843</td>
<td>882,643</td>
<td>63,561</td>
<td>63,561</td>
<td>3,404,821</td>
<td>3,432,321</td>
</tr>
<tr>
<td>Inventories</td>
<td></td>
<td></td>
<td>797,767</td>
<td>1,081,265</td>
<td>797,167</td>
<td>1,081,265</td>
</tr>
<tr>
<td>Due from other funds</td>
<td></td>
<td></td>
<td>98,000,000</td>
<td>98,000,000</td>
<td>98,000,000</td>
<td>98,000,000</td>
</tr>
<tr>
<td>Fixed assets</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td>1,589,709,359</td>
<td>1,507,743,742</td>
</tr>
<tr>
<td><strong>TOTAL ASSETS</strong></td>
<td>42,029,362</td>
<td>47,301,900</td>
<td>421,275,756</td>
<td>409,610,602</td>
<td>1,160,969,512</td>
<td>1,572,881,114</td>
</tr>
</tbody>
</table>

## LIABILITIES AND FUND BALANCES

### LIABILITIES

- Accounts payable and accrued expenses
- Payables
- Due to other funds

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounts payable</td>
<td>2,558,125</td>
<td>7,391,048</td>
<td>0,948,850</td>
<td>0,435,853</td>
<td>2,330,841</td>
<td>7,155,742</td>
<td>304,367</td>
<td>16,559,709</td>
<td>1,184,573</td>
<td>1,371,522</td>
<td>13,521,854</td>
<td>13,521,854</td>
<td>39,564,954</td>
<td>39,564,954</td>
</tr>
<tr>
<td>Payables</td>
<td>956,522</td>
<td>856,137</td>
<td>1,484,530</td>
<td>1,342,127</td>
<td>58,303,800</td>
<td>88,000,000</td>
<td>98,000,000</td>
<td>88,000,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL LIABILITIES</strong></td>
<td>3,514,647</td>
<td>8,247,185</td>
<td>1,004,380</td>
<td>1,787,980</td>
<td>892,844,641</td>
<td>1,555,576,852</td>
<td>304,367</td>
<td>16,559,709</td>
<td>1,184,573</td>
<td>1,371,522</td>
<td>13,521,854</td>
<td>13,521,854</td>
<td>39,564,954</td>
<td>39,564,954</td>
</tr>
</tbody>
</table>

### FUND BALANCES

<table>
<thead>
<tr>
<th></th>
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<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Unrestricted Current</td>
<td>42,029,362</td>
<td>47,301,900</td>
<td>421,275,756</td>
<td>409,610,602</td>
<td>1,160,969,512</td>
<td>1,572,881,114</td>
<td>78,717,916</td>
<td>33,931,796</td>
<td>124,204,407</td>
<td>81,143,046</td>
<td>2,335,853,953</td>
<td>2,164,874,483</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The accompanying notes are an integral part of the financial statements.

**President**
# ASIAN INSTITUTE OF TECHNOLOGY

## STATEMENTS OF REVENUES AND EXPENDITURES – UNRESTRICTED CURRENT FUND AND RESTRICTED FUND – GENERAL

FOR THE YEARS ENDED 30TH JUNE, 1995 AND 1994

<table>
<thead>
<tr>
<th></th>
<th>Unrestricted Fund</th>
<th>Restricted Fund-General</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>REVENUES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuition and fees:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Academic unit</td>
<td>194,406,266</td>
<td>196,634,812</td>
<td></td>
</tr>
<tr>
<td>Computer center</td>
<td>6,722,868</td>
<td>6,222,852</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>201,127,156</td>
<td>202,867,704</td>
<td></td>
</tr>
<tr>
<td><strong>Gifts and contributions:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash</td>
<td>15,091,600</td>
<td>11,199,918</td>
<td></td>
</tr>
<tr>
<td>In kind (Note 5)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>15,091,600</td>
<td>11,199,918</td>
<td></td>
</tr>
<tr>
<td><strong>Grants and contracts</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sales and services:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Educational activities</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>22,816</td>
<td>27,098</td>
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<tr>
<td>Income from investments</td>
<td>19,461,276</td>
<td>14,619,923</td>
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<tr>
<td>Auxiliary services</td>
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<tr>
<td>Recovery of indirect costs</td>
<td>28,824,239</td>
<td>20,239,695</td>
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<td>AIT sponsored programs</td>
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<tr>
<td>Physical plant support</td>
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<td>Exchange stabilization</td>
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<tr>
<td>Miscellaneous</td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL REVENUES</strong></td>
<td>288,657,830</td>
<td>267,222,713</td>
<td>431,100,099</td>
</tr>
<tr>
<td><strong>EXPENDITURES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salaries and associated costs:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash</td>
<td>206,987,747</td>
<td>162,804,967</td>
<td>6,675,179</td>
</tr>
<tr>
<td>In kind (Note 5)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student related costs</td>
<td>1,191,743</td>
<td>1,399,930</td>
<td>4,204,346</td>
</tr>
<tr>
<td>Capital purchases</td>
<td>4,215,543</td>
<td>4,253,443</td>
<td>201,817</td>
</tr>
<tr>
<td>Campus wide services</td>
<td>14,957,738</td>
<td>9,057,468</td>
<td>(285,430)</td>
</tr>
<tr>
<td>Physical plant support</td>
<td>38,126,771</td>
<td>35,992,844</td>
<td>47,239,754</td>
</tr>
<tr>
<td>AIT sponsored programs</td>
<td></td>
<td></td>
<td>14,857,728</td>
</tr>
<tr>
<td>Auxiliary services</td>
<td></td>
<td></td>
<td>85,399,960</td>
</tr>
<tr>
<td>Exchange stabilization</td>
<td></td>
<td></td>
<td>2,144,228</td>
</tr>
<tr>
<td>Other costs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL EXPENDITURES</strong></td>
<td>286,251,226</td>
<td>257,579,867</td>
<td>430,496,591</td>
</tr>
<tr>
<td><strong>EXCESS OF REVENUES OVER EXPENDITURES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Expenditures over Revenues)</td>
<td>2,406,604</td>
<td>9,643,856</td>
<td>(2,300,362)</td>
</tr>
</tbody>
</table>

The accompanying notes are an integral part of the financial statements.
### ASIAN INSTITUTE OF TECHNOLOGY
### STATEMENTS OF CHANGES IN FUND BALANCES
### FOR THE YEAR ENDED 30th JUNE, 1995 (WITH COMPARATIVE TOTAL FOR 1994)

<table>
<thead>
<tr>
<th></th>
<th>Restricted Fund</th>
<th>Capital Fund</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>RAHT</td>
<td>BAIT</td>
<td>RAHT</td>
</tr>
<tr>
<td><strong>Balances, 1 July 1994 (Note 6)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unrestricted</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current fund</td>
<td>38,547,715</td>
<td>21,369,444</td>
<td>59,917,159</td>
</tr>
<tr>
<td>General</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Endowment Reserve</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fixed Assets</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unallocated</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liquid Assets</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maintenance Reserve</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Program Funds</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agency Fund</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Adjustments          |                 |              |       |       |       |       |       |
| Disposal of assets   |                 |              |       |       |       |       |       |
| (946,750)            |                 |              |       |       |       |       |       |

| Additions            |                 |              |       |       |       |       |       |
| Excess of revenues   |                 |              |       |       |       |       |       |
| over expenditure     |                 |              |       |       |       |       |       |
| (2,466,604)          | (2,300,582)      |              |       |       |       |       |       |
| Investment income    |                 |              |       |       |       |       |       |
|                      |                 |              |       |       |       |       |       |
| Government grants &  |                 |              |       |       |       |       |       |
| appropriations       |                 |              |       |       |       |       |       |
| (1,650,000)          |                 |              |       |       |       |       |       |
| Gain (loss) on rate  |                 |              |       |       |       |       |       |
| of exchange          |                 |              |       |       |       |       |       |
|                      | (165,000)       |              |       |       |       |       |       |
| Miscellaneous income |                 |              |       |       |       |       |       |
| and contributions    |                 |              |       |       |       |       |       |
|                      |                 |              |       |       |       |       |       |
| Contribution in kind  |                 |              |       |       |       |       |       |
|                      |                 |              |       |       |       |       |       |
| Amount due from other|                 |              |       |       |       |       |       |
| fund                 |                 |              |       |       |       |       |       |
| (10,000,000)         |                 |              |       |       |       |       |       |

| Deductions           |                 |              |       |       |       |       |       |
| Inter-fund transfer  |                 |              |       |       |       |       |       |
| from (to)            |                 |              |       |       |       |       |       |
|(Unrestricted Current |                 |              |       |       |       |       |       |
| Fund)                | (1,203,302)      |              |       |       |       |       |       |
| Salary supplement    |                 |              |       |       |       |       |       |
| distribution         | (1,203,302)      |              |       |       |       |       |       |
| Restricted Reserve   |                 |              |       |       |       |       |       |
| General              | (1,203,302)      |              |       |       |       |       |       |
| Liquid Asset Capital |                 |              |       |       |       |       |       |
| Fund                 | (1,203,302)      |              |       |       |       |       |       |
| Allocated            | (18,070,411)     |              |       |       |       |       |       |
| Repairs and          |                 |              |       |       |       |       |       |
| Maintenance Reserve  | (1,203,302)      |              |       |       |       |       |       |
| Expenditure for      |                 |              |       |       |       |       |       |
| plant facilities     |                 |              |       |       |       |       |       |
| Cash                 | (8,292,367)      |              |       |       |       |       |       |
| Kind                 | (8,384,356)      |              |       |       |       |       |       |
| Other cost           |                 |              |       |       |       |       |       |
| General              | (10,000,000)     |              |       |       |       |       |       |
| Amount due to other  |                 |              |       |       |       |       |       |
| fund                 | (10,000,000)     |              |       |       |       |       |       |

| Balances, 30 June 1995 (Note 6) |                 |              |       |       |       |       |       |
| Unrestricted Current Fund | 38,547,715       | 18,769,302   | 57,317,017 | 57,317,017 |       |       |       |
| General Endowment      | 21,369,444       | 55,290,318   | 76,659,762 | 76,659,762 |       |       |       |
| Unallocated Fixed Assets| 59,917,159       | 230,874,687  | 290,791,846 | 290,791,846 |       |       |       |
| Unallocated Liquid Assets|               |              |       |       |       |       |       |
| Maintenance Reserve    | 26,922,837       | 42,799,856   | 69,722,693 | 69,722,693 |       |       |       |
| Program Funds          | 1,585,790,359    | 16,398,979   | 1,588,189,338 | 1,588,189,338 |       |       |       |
| Agency Fund            | 78,413,559       | 123,079,834  | 201,493,393 | 201,493,393 |       |       |       |
| **Total**              | 80,239,715       | 182,769,302  | 263,009,017 | 263,009,017 |       |       |       |

The accompanying notes are an integral part of the financial statements.
INSTITUTE ADMINISTRATION

SENIOR ADMINISTRATIVE OFFICERS

President
Vice President for Academic Affairs
Vice President for Development
Bursar
Academic Secretary

Prof. Alastair M. North
Prof. Ricardo P. Pama
Prof. Pisidhi Karasudhi
Mr. Edward Mayer
Dr. Roger Hawkey

DEANS OF SCHOOLS

Advanced Technologies
Civil Engineering
Environment, Resources and Development
Management

Prof. Mario T. Tabucanon
Prof. Prinya Nuralaya
Prof. Karl E. Weber
Prof. Chongrak Polprasert
(Associate Dean)
Prof. Jyoti P. Gupta

CENTER DIRECTORS

Asian Disaster Preparedness Center
Continuing Education Center
Center for Library and Information Resources
Regional Computer Center
Center for Language and Educational Technology
AIT Center in Vietnam

Mr. John Barret
Dr. Nicanor C. Austriaco
Prof. Robert D. Stueart
Dr. Charoon Chirapaisarnkul
Dr. Michael Connelly (Chairperson)
Dr. Risto Tarjanne

STUDENTS AFFAIRS

Dean of Student and Community Affairs
Student Union President

Dr. Anila Sadananda
Mr. Keshav Sondhi
(Jan 1995-Sept. 1995)
Mr. Abdul Samad Kazi
(Sept. 1995-Apr. 1996)
ORGANIZATIONAL CHART

BOARD OF TRUSTEES

SECRETARY TO THE BOARD OF TRUSTEES

OFFICE OF THE PRESIDENT

OFFICE OF THE VICE PRESIDENT FOR DEVELOPMENT

OFFICE OF THE VICE PRESIDENT FOR ACADEMIC AFFAIRS

OFFICE OF THE BURSAR

DEVELOPMENT OFFICE

OFFICE OF MEDIA AND INFORMATION SERVICES

ALUMNI AFFAIRS

SCHOOL OF ADVANCED TECHNOLOGIES

SCHOOL OF CIVIL ENGINEERING

SCHOOL OF ENVIRONMENT, RESOURCES AND DEVELOPMENT

SCHOOL OF MANAGEMENT

ASIAN DISASTER PREPAREDNESS CENTER

SWISS-AIT VIETNAM MANAGEMENT DEVELOPMENT PROGRAM

CENTER FOR LIBRARY AND INFORMATION RESOURCES

CENTER FOR LANGUAGE AND EDUCATIONAL TECHNOLOGY

CONTINUING EDUCATION CENTER

REGIONAL COMPUTER CENTER

ACADEMIC SECRETARIAT

AIT CENTER IN VIETNAM

DEAN OF STUDENT AND COMMUNITY AFFAIRS

FINANCE

PHYSICAL PLANT

AIT CENTER

MEDICAL CLINIC

ADMINISTRATIVE SYSTEMS DEVELOPMENT UNIT

INTERNAL AUDITOR

HUMAN RESOURCES OFFICE

PROJECT ARCHITECT

PROCUREMENT OFFICE

CHILD CENTER
<table>
<thead>
<tr>
<th>Abbreviations</th>
<th>SCHOOLS, PROGRAMS, AND CENTERS IN THE INSTITUTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADB</td>
<td>School of Advanced Technologies</td>
</tr>
<tr>
<td>AEEMTRC</td>
<td>School of Civil Engineering</td>
</tr>
<tr>
<td>APFWLD</td>
<td>School of Environment, Resources and Development</td>
</tr>
<tr>
<td>CEC</td>
<td>School of Management</td>
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<tr>
<td>CIDSE</td>
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<td>CUC</td>
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<td>KEIDANREN</td>
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<td>UNICEF</td>
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<td>WHO</td>
<td></td>
</tr>
<tr>
<td>WWF</td>
<td></td>
</tr>
<tr>
<td>AFE</td>
<td>Agricultural and Food Engineering</td>
</tr>
<tr>
<td>CS</td>
<td>Computer Science</td>
</tr>
<tr>
<td>EE</td>
<td>Environmental Engineering</td>
</tr>
<tr>
<td>ET</td>
<td>Energy Technology</td>
</tr>
<tr>
<td>GTE</td>
<td>Geotechnical and Transportation Engineering</td>
</tr>
<tr>
<td>HSD</td>
<td>Human Settlements Development</td>
</tr>
<tr>
<td>ISE</td>
<td>Industrial Systems Engineering</td>
</tr>
<tr>
<td>IREM</td>
<td>Irrigation Engineering and Management</td>
</tr>
<tr>
<td>NR</td>
<td>Natural Resources</td>
</tr>
<tr>
<td>SEC</td>
<td>Structural Engineering and Construction</td>
</tr>
<tr>
<td>TC</td>
<td>Telecommunications</td>
</tr>
<tr>
<td>WRE</td>
<td>Water Resources Engineering</td>
</tr>
<tr>
<td>ADPC</td>
<td>Asian Disaster Preparedness Center</td>
</tr>
<tr>
<td>AITCV</td>
<td>AIT Center in Vietnam</td>
</tr>
<tr>
<td>CEC</td>
<td>Continuing Education Center</td>
</tr>
<tr>
<td>CLET</td>
<td>Center for Language and Educational Technology</td>
</tr>
<tr>
<td>CLAIR</td>
<td>Center for Library and Information Resources</td>
</tr>
<tr>
<td>RCC</td>
<td>Regional Computer Center</td>
</tr>
</tbody>
</table>
BUILDING THE NEW WORLD

Over the guidance of a world-class faculty, a new generation of promising young men and women are pursuing postgraduate education at AIT to cope with the managerial and technological challenges in the coming decades. AIT's academic portfolio covers infrastructure engineering, agricultural and natural resource engineering, management and planning, and manufacturing systems engineering.

AIT offers to selected students
- an internationally recognized faculty from various science and engineering disciplines
- a multinational student body
- interaction with outstanding Asian, European and North American universities
- first-hand research experience of real-life development problems in the world's fastest growing regions
- the opportunity to participate in lifelong professional networks with an international community of AIT faculty and alumni

For further details, please contact
Academic Secretariat
Asian Institute of Technology
P.O. Box 2754
Bangkok 10501, Thailand
Cable: AIT Bangkok
Telex: 84276 AIT TH
Fax: (66)(2) 516-2126
Tel: 5160110-44 (ext. 5032)
Email: hawkey@ait.ac.th
Internet: http://www.ait.ac.th/
INTRODUCING AIT

AIT is composed of four schools, five academic centers, and the AIT Center in Vietnam. AIT carries out its mission through

Regular Academic Programs, leading to the award of Doctoral and Master's degrees and Diplomas;

Outreach Activities, such as short-term training courses and consultancies; and

Research Programs, which are conducted by faculty and students, or in cooperation with various institutions in Asia and other regions.

Respect for policy directions rests with the Board of Trustees, which consists of some 40 members from Asia, Australia, Europe, and North America.

Governments, international organizations, NGOs, foundations, business and industry, and private individuals provide grants for scholarships for deserving students, faculty and staff secondment, operating funds, continuing education, equipment, research, campus development, and the AIT Endowment Fund.

Admission to the academic programs is open to academically qualified, self-supporting students.

LOOKING BACK (1959-1996)

March 1958
The SEATO Graduate School of Engineering project, first proposed in 1957, was approved by the Council of Ministers of the South-East Asia Treaty Organization at its meeting in Manila.

July 30, 1959
His Majesty King Bhumibol Adulyadej of Thailand signed the Royal Decree establishing the SEATO Graduate School of Engineering.

September 10, 1959
The School began its first class in hydraulic engineering with 18 students from Pakistan, the Philippines and Thailand.

June 1966
The SEATO Council of Ministers' Meeting in Canberra initiated steps to phase out its control of the Graduate School and to permit its establishment as an independent institution.

November 23, 1967
The Asian Institute of Technology Enabling Act was published in the Royal Thai Government Gazette. The SEATO Graduate School of Engineering ceased to exist.

November 24, 1967
The Asian Institute of Technology was established as an independent, autonomous, international institution of higher learning.

May 4, 1968
H.M. King Bhumibol Adulyadej graciously presided over the eighth annual graduation, the first in which AIT conferred its own degrees.

February 14, 1973
H.M. King Bhumibol Adulyadej opened the new campus in Pathum Thani province.

April 1979
AIT marked its 20th anniversary, with annual enrolment averaging 485 students and the alumni body consisting of 1,784 graduates.

June 22, 1987
AIT received the Science and Technology for Development Award from USAID and the National Research Council, USA.

July 21, 1987
AIT awarded the AIT Gold Medal to His Majesty King Bhumibol Adulyadej of Thailand for outstanding leadership in rural development.

August 31, 1989
AIT received the 1989 Ramon Magsaysay Award for International Understanding.

October 29, 1992
AIT awarded the AIT Gold Medal to Her Majesty Queen Sirikit of Thailand for outstanding leadership in environmental protection and natural resources conservation.

May 17, 1993
AIT opened its first academic program in Vietnam under the Swiss-AIT Vietnam Management Development Program.

July 1993
The Institute's academic restructuring resulted in the establishment of four Schools: Civil Engineering, Advanced Technologies, Management, and Environment, Resources and Development.

February 1994
The AIT Center in Vietnam based in Hanoi was officially inaugurated.

November 13, 1995
The Asian Management Awards, Asia's most rigorous examination of corporate and organizational excellence, honored AIT with an award for Development Management.

January 1996
AIT enters its 37th year with annual enrolment averaging over 1,000 students, and the alumni totalling over 7,500 graduates from 48 countries in Asia and the Pacific and other regions.

The AIT Alumni Association (AITAA) now has 20 national chapters.
ASIAN INSTITUTE OF TECHNOLOGY

Street Address: Km. 42 Phaholyothin Highway Klong Luang Pathum Thani 12120 Thailand

Postal Address: GPO Box 2754 Bangkok 10501 Thailand

Tel. (66-2) 516-0120-44 Cable: AIT-Bangkok.
Telex: 84276TH Fax: (66-2) 516-2126. 516-1418

E-mail addresses: Office of Media and Information Services cmis@ait.ac.th
Academic Secretariat hawkay@ait.ac.th
Alumni Affairs lumen@ait.ac.th

Internet: http://www.ait.ac.th/