If First & Best, it’s surely KAIST!

KAIST/UNESCO Program for Human Capacity Building

Globalization

Relatively young university (founded in 1971), but gained rapid international fame. Wants to go further in globalization

- Increase the number of foreign faculty
- Increase the number of foreign students
- Implementation of dual degree programs
- All lectures given in English for Freshmen
- Setting up bilingual campus
- Internationalization KAIST culture

Evaluation & Achievement

- Asian Ranking by ASIAWEEK *
  1999 & 2000: First in "Best Universities in Asia in Science and Technology"
- World Ranking by the THES**
  2004: top 37th in ICT*** field
  2005: top 42nd in Technology field
  2006: top 37th Technology field
  2006: top 82nd in Science field
- World Ranking by CACM****
  2006: First in System & Software Engineering
- Scientific Citations per Paper
  Technology = 1.92  Science = 6.67

* ASIAWEEK: a journal published by the CNN in Hong Kong
** THES: The Times Higher Education Supplement
*** ICT: Information and Communication Technology
**** CACM: Association for Computing Machinery

Budget 2006

Approx. 327 Million USD

Donation & Other Income: 19%
Government Subsidy: 39%
Research Grants: 42%

Global Budget for International Activities: 2.6 millions USD for overall, half million = a USD for office running
Korea Advanced Institute of Science and Technology

Faculties & Staffs

- Professors: 296
- Associate Professors: 72
- Assistant Professors: 52
- Full-Time Instructors: 1
- Professors Emeriti: 38
- Research Professors: 34
- Adjunct Professors: 26
- Part-Time Professors: 168
- Admins & Supports: 324

More than 1000, the number of faculty to make the ratio faculty to student be 1:6 in near future

Teaching Assistant & Graduate Instructors: ca. 2,500

Enrollment 2006

Total: 7,336 students

- Undergraduate: 3,021 (41.2%)
- Master: 2,089 (28.5%)
- Ph.D: 2,226 (30.3%)

Students by Gender:

<table>
<thead>
<tr>
<th>Students</th>
<th>females</th>
<th>non-Korean</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS</td>
<td>3,021 (41.2%)</td>
<td>663 (22.0%)</td>
</tr>
<tr>
<td>MS</td>
<td>2,089 (28.5%)</td>
<td>408 (19.5%)</td>
</tr>
<tr>
<td>PhD</td>
<td>2,226 (30.3%)</td>
<td>295 (13.3%)</td>
</tr>
</tbody>
</table>

Total: 7,336 (100%) | 1,366 (18.6%) | 229 (3.1%)

Number of non-Korean students: 500 by the year 2010

Globalization

Types of Cooperation:

- Student Mobility
- Student OJT and Research Internship
- Joint Degree Programs
- Joint Research Programs
- Export of Know-How in Educational Engineering
- Student Placement & Scholarship Programs
- Value-added International Activities

Students are the clients, as well as the product of KAIST

KAIST＝International

Processing Value-Added Education

products attract new clients KAIST International Cooperation

buy service

World Civil Society

Students & Social	

Korea Advanced Institute of Science and Technology
Globalization

**International Relations for Students** is one of the high value added educational process whose basic philosophy is as below:

<table>
<thead>
<tr>
<th></th>
<th>Knowledge</th>
<th>Experience</th>
<th>Human Networking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Culture &amp; Systems</td>
<td>✭</td>
<td>✭</td>
<td>✭</td>
</tr>
<tr>
<td>Industriability culture</td>
<td>✭</td>
<td>✭</td>
<td>✭</td>
</tr>
<tr>
<td>Language</td>
<td>✭</td>
<td>✭</td>
<td></td>
</tr>
</tbody>
</table>

Non-movers can also be internationalized by the presence of massive incoming foreigners, and lectures in foreign language.

KAIST-UNESCO COOPERATION

ACCESS-net

Association of Computer Centers for Sustainable Synergy - network

Philosophy

Training of students in an environment of international teamwork to meet challenge of scientific, technological and human cultures that are different from their own:

- to develop their capability of adaptation to the international scientific and engineering environment
- to develop their capacity of innovation in science and technology
- to develop the autonomy and opening of their vision to the new frontier
- to provide them with chance to create natural friendship
- to give a true international dimension to KAIST by establishing a truly internationalized educational environment
- to create true bilingual campus
- to extend world widely the zone of influence of KAIST through “Training of Trainers”

Conditions

**Project FFF**: Fifty Foreign High School Graduates

Conditions:
- Not older than a year
- English speaking
- Excellent school records
- Profile of future leader of the country
**UNESCO’s Worldwide Network**

Get help from its organization and competency - over 200 countries - all delegation in one place - good cooperation with educational authorities - easy help from educational specialists

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount (US$)</th>
<th>Comment</th>
<th>First Year</th>
<th>Second Year and after</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>15000</td>
<td>exemption</td>
<td>2000</td>
<td>2000</td>
</tr>
<tr>
<td>Parent Loan Fund</td>
<td>410</td>
<td>paid 2006 month</td>
<td>2500</td>
<td>2500</td>
</tr>
<tr>
<td>Medical Insurance</td>
<td>3600</td>
<td>first year only</td>
<td>2340</td>
<td>2340</td>
</tr>
<tr>
<td>Setting-in Allowance</td>
<td>2000</td>
<td>balance - 2006-2007 year</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

*Note: Tuition fees vary according to students’ academic performance of the previous year. Monthly allowance of JSPS covers largely tuition, lodging, and fees.*

**KAIST-UNESCO COOPERATION**

**UNESCO’s Worldwide Network**

- over 200 countries
- all delegation in one place
- good cooperation with educational authorities
- easy help from educational specialists

**KAIST-UNESCO COOPERATION**

**Scholarships**

<table>
<thead>
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</tbody>
</table>

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**KAIST-UNESCO COOPERATION**

**Result of Operation**

<table>
<thead>
<tr>
<th>Country</th>
<th>Applicants</th>
<th>Admitted</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Azerbaijan</td>
<td>8</td>
<td>4</td>
<td>50</td>
</tr>
<tr>
<td>Bangladesh</td>
<td>1</td>
<td>1</td>
<td>100</td>
</tr>
<tr>
<td>Chile</td>
<td>1</td>
<td>1</td>
<td>100</td>
</tr>
<tr>
<td>China</td>
<td>18</td>
<td>5</td>
<td>69.425</td>
</tr>
<tr>
<td>Iran</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Kazakhstan</td>
<td>14</td>
<td>2</td>
<td>14.2857</td>
</tr>
<tr>
<td>Pakistan</td>
<td>14</td>
<td>6</td>
<td>42.8571</td>
</tr>
<tr>
<td>Romania</td>
<td>7</td>
<td>3</td>
<td>42.8571</td>
</tr>
<tr>
<td>Rwanda</td>
<td>13</td>
<td>2</td>
<td>15.3846</td>
</tr>
<tr>
<td>South Africa</td>
<td>25</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Tajikistan</td>
<td>8</td>
<td>2</td>
<td>25</td>
</tr>
<tr>
<td>Ukraine</td>
<td>22.2</td>
<td>54.5</td>
<td>24.2222</td>
</tr>
<tr>
<td>Uzbekistan</td>
<td>14.3</td>
<td>22.2</td>
<td>15.3846</td>
</tr>
<tr>
<td>Vietnam</td>
<td>13.3</td>
<td>22.2</td>
<td>15.3846</td>
</tr>
<tr>
<td>Japan</td>
<td>24</td>
<td>18</td>
<td>75</td>
</tr>
<tr>
<td>Total</td>
<td>105</td>
<td>471.65</td>
<td>44.8</td>
</tr>
</tbody>
</table>

**KAIST-UNESCO COOPERATION**

**Cooperation Work**

- selection of target countries
- coordination with national commission
- announcement among students
- face-to-face interview
- evaluation and pre-selection
- admission panel
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Direct Outcomes
- time saving
- cost saving
- students of highly motivated and qualified
- promotion of KAIST
- sustainable cooperation
- zone of influence

Thank You!