University–Business Collaboration in Japan

Director
Keio Leading Edge Laboratory of Science and Technology
Toshihisa Ueda

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Keio Leading Edge Laboratory of Science and Technology
So far, Japan had an atmosphere that research in universities should have been independent from industries.

KLL was established in Yagami campus in April 2000 as a research center for promoting collaboration between industries, government, and academia.
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One of the index of the research activity is the patent

The number of patent apply is increased from 2000
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Start the collaboration

Personal Contact

University Researcher meet Company Researchers or Engineers
  at a conference site
  at societies (JSME, IMechE)

Discussion about the problem in a personal level

Formal collaboration starts
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Start the collaboration II

Action of a liaison office

Passive action
- Introduce University Researches in response to Company Requests

Active action
- Introduce University Researchers to Companies
  - Open seminar
  - Techno Mall
Keio Leading Edge Laboratory of Science and Technology
Open seminar
Title: City planning with a viewpoint of flexibility
Date: October 28, 2011
Co-sponsored by IDEC Yokohama and IIPK
We invites not only large scale companies but middle and small scale companies in Kawasaki and Yokohama area
IDEC: Industrial Development Corporation Yokohama, IIPK: Institute of Industrial Promotion Kawasaki

Keio Techno Mall
Title: Let’s get started
Date: December 9, 2011
Place: Tokyo International Forum

Exhibition of Researches in Science and Technology
International Collaboration

Problem

Liaison office is opened mainly to Japanese companies
  • Action has been doing for Japanese companies
  • English documents are few

In future

To solve problems
  • Action should be done for foreign companies as well
  • Make English documents
  • Administrative stuff should speak English
Key of Collaboration

PhD student

- do the leading edge research in fundamental and applied sciences
- do research in English based atmosphere
  - read English journals,
  - present research in English at conferences
  - write contributed papers in English

If the student works your company, he will become actual liaison person to collaborative work
Collaboration between Japan and UK

First step: collect information

• It may not be difficult to obtain fundamental information in both universities and companies
• But we should have a chance to see each other
  • Face to face communication is important

Second step: comprehensive collaboration

• Comprehensive collaboration is very valuable to understand each other
• Visit universities
  • Face to face communication can be done

Third step: research collaboration

• Research project
  • Support PhD student
    • Financial support
    • Internship
Collaboration between Japan and UK

International Collaboration for competitive issues
Contract based research between University and company

International Collaboration for common issues

Government

PS

Univ

Japan

PS

Univ

UK

PS: Private sector