

マレーシア工業大学(Avial)教授来訪レポート

2010.10.7 遠隔教育研究センター

概要:

マレーシア工業大学の研究担当副学長である Prof. Marzuki が来学し、遠隔教育研究センターを来訪した。そこで安藤センター長によりセンターの概要説明およびデモンストレーションを行った。また、オウル大学に出張中の情報科学研究科松本教授と Prof.Marzuki との Skype 会議をセットアップし、打ち合わせをサポートした。

こうしたコラボレーション的なセンターの活用を通じて、今後も海外との連携強化を支援できるように積極的な対応を進めていきたい。また、今回作成した資料は英語版のセンターWeb ページの充実にも活用していく予定である。

スケジュール:

日時: 10月7日(木) 15:00~15:15 デモンストレーション(安藤先生)
15:15~15:45 松本教授とのTV会議室での打合せ

場所: 遠隔教育ルーム

参加者: 牧島教授

Prof. Marzuki (マレーシア工科大学)

Prof. Zukarnain(同上)

松本教授(オウル大学)

デモンストレーションの様子:



説明資料:

Activities in Distance-learning of JAIST

Research Center for Distance Learning
7th, October, 2010

Today's topics

The practical experiences of e-learning in JAIST and challenges

- ✓ The mission of DLC(Distance Learning Center)
- ✓ The objectives to apply e-learning
- ✓ The use-cases experienced up to now
- ✓ Challenges from now on

The mission of DLC

- ✓ Contribution to education reforms of JAIST
- ✓ Interdepartmental activities
- Research with respect to distance learning
 - The latest information & communication technology
 - The most effective educational methodology
- Planning distance learning or e-learning programs
 - Support for full-time students to review course works
 - Support for remote campuses (Adult graduate students)
 - Support for university consortia, joint international programs
- Developing and maintaining e-learning systems
 - Video conference system
 - Live lecture system
 - Lecture archives and VOD(video on demand)
 - WBT(Web-based training)

The objectives to apply e-learning

Support for full-time students

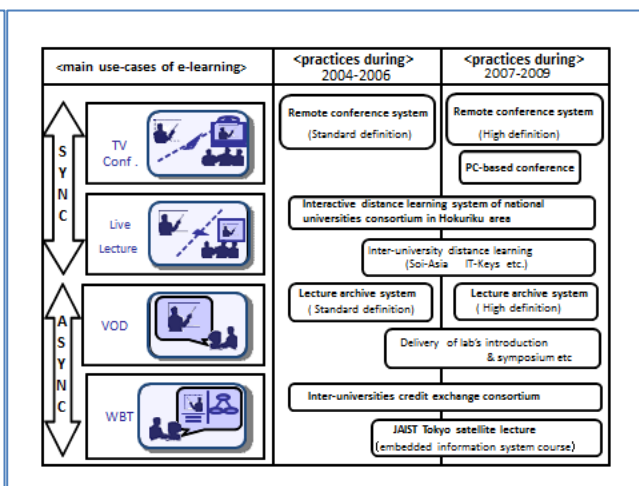
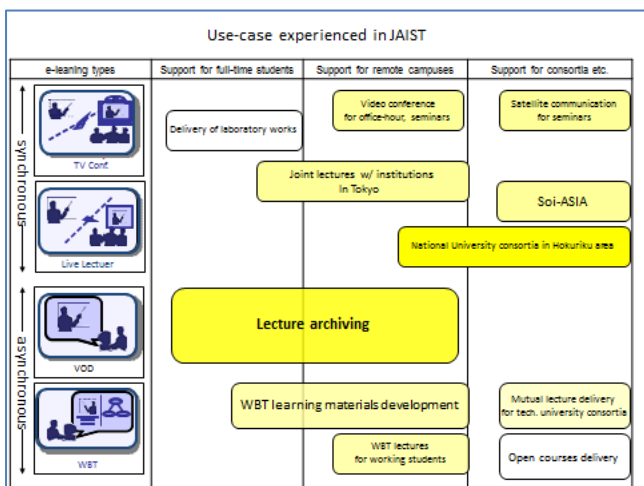
- ✓ Reviewing face-to-face lectures at students' pace
- ✓ Delivery of research laboratory outlines
- ✓ Delivery of seminars and joint lectures with institutions in Tokyo

Support for remote campuses

- ✓ Reviewing face-to-face lectures at students' pace
- ✓ WBT (self-learning) lectures for introductory subjects
- ✓ Office-hour with teachers
- ✓ Delivery of joint lectures with institutions in Tokyo

Support for consortia etc.

- ✓ National university consortia in Hokuriku area
- ✓ SOI-ASIA (School of internet - ASIA)



Some examples

- ✓ Live Lecture System
between remote campuses
- ✓ Lecture Archiving System
for reviewing
- ✓ WBT lectures
for working students
- ✓ SOI-ASIA
for international consortia

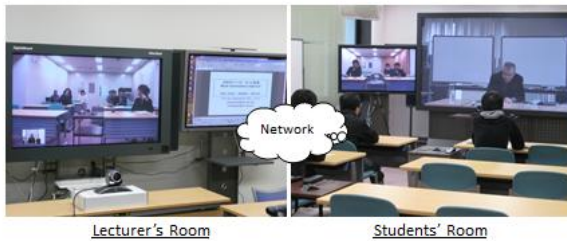
Live Lecture System



The Knowledge Society (Prof. Kondo) 2005.8

- From Tokyo Campus to Ishikawa Campus
 - Lecturer's Image, PC Screen Image & Students' Image in Tokyo
- From Ishikawa Campus to Tokyo Campus
 - Student's Image in Ishikawa

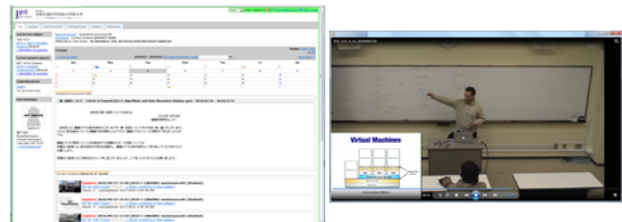
Case Study (2008)



I625 Next Generation Internet Technology (Prof. Nakagawa)

- Formal Intensive Course (15 lectures in 7 days), 2008
- Lecturer's Room: JAIST Satellite Campus (No students)
- Students' Room: JAIST Main Campus (6 students)

Lecture Archiving System



Face-to-face lecture automatically recorded and delivered

- 4 Lecture Rooms @ School of Information Science, JAIST
- Lecturer's Image & PC Screen Image
- 1,000 Lectures of 60 Courses are archived up to 2006

WBT Lectures



Automata and Formal Languages (Prof. Uehara) 2006.4

- RecordingStudio @ DLC
- Lecturer's Image, PC Screen Image & Lecture Index
- 140 Lectures of 10 Courses are distributed

SOI-ASIA Project

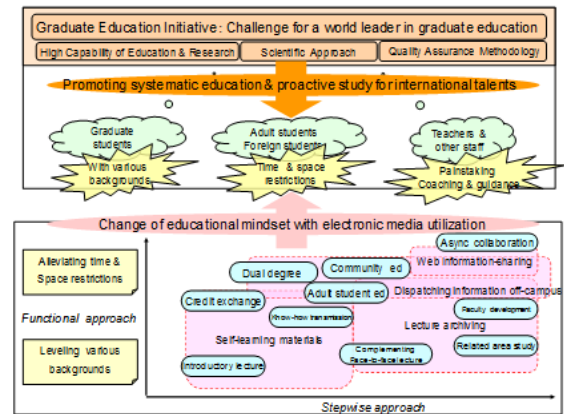


Object Oriented Software Development (Prof. Ochimizu) 2006

- RecordingStudio @ DLC
 - From JAIST to SOI-ASIA Student Sites via Keio Univ.
 - Over 100 Students from 7 Universities in Asia
- <http://www.soi.wide.ad.jp/soi-asia/about/index.html>

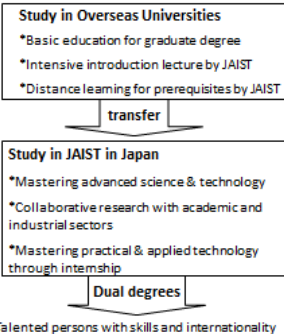
Challenges from now on

- ✓ Continuous graduate education reform
 - Collaboration with 'Graduate Education Initiative' project
- ✓ Change of educational mindset with electronic media utilization
 - Functional approach
 - Introduction of right technology and methodology into the right place
 - Stepwise approach
 - Start with small flexible systems, then enhance more advanced ones



Challenge for Joint graduate training program <JAIST's keynote address@APEC,2006>

'International Dual Graduate Study'



VNU and JAIST material science
under the support of Vietnamese government program starting in Apr. 2007

Joint graduate training program between five Vietnamese institutions and JAIST
information technology & knowledge science
Memorandum of understanding in Oct. 2006

Challenge & expand

Since the objective of applying e-learning is clear, a big advancement will be expected

Thank you !

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