1st International JICA – DGHE Workshop

On Developing National ICT Competence in Higher Education Institutions

23-24 August 2004, the Center for Japanese Studies, University of Indonesia, Depok, Indonesia

Sponsored by
Directorate General of Higher Education
Ministry of National Education, the Republic of Indonesia
Japan International Cooperation Agency (JICA)

1. Rationale

The Director General of Higher Education of the Ministry of Nation Education of the Republic of Indonesia, based on the Indonesian Higher Education Long Term Strategy 2003 - 2010 document, stated that the new paradigm in higher education requires a totally new approach. Issues such as mass education, lifelong learning, open learning, quality & relevance, accountability & autonomy, and equity become very important. The impact of globalization causes a shifting role of higher education institutions from traditional learning institutions to knowledge creators, a change from random planning to strategic planning, and a movement from comparative to competitive approaches. For a developing country such as Indonesia, there is a need to create a breakthrough for enhancing higher education development. It is no longer appropriate to conduct higher education programs as a business as usual.

It means that Indonesian higher education institutions should be organized to educate their graduates to compete beyond national labor market towards the globalization era. In addition, higher education should also be prepared to cope with the task to train Indonesian workers to face global challenge by providing more flexible modes in accessing knowledge to employed students, i.e., distance learning, short courses, modular curriculum, and other means which allow workers to access knowledge without loosing their employment. Among other ways, having appropriate ICT curriculum to meet national and
International job market demand and coordinating and exploring all possible sorts of Information and Communication Technology (ICT) potentials in Indonesia at national level are significant factors to contribute to the achievement of this objective. Hence, there is a requirement for the establishment of a national ICT curriculum template that should constitute guidance for managing issues such as vision, mission, objective, policy, and strategy in the implementation of ICT teaching and learning process. This will be a complement for other frameworks such as infrastructure framework, regulatory framework and financial framework. Another requirement is the provision of national ICT profile of higher education institutions. This map will be very beneficial for the ICT graduates employers, investors and industries, in knowing the potential and competence of the higher education institutions that are highly capable in delivering ICT-based education and providing other related ICT services.

It is expected that by 2010 Indonesia will have its competitive leverage due to the existence of highly reputable higher education institutions. We believe this will lead to the improvement of the nation’s competitiveness. Based on the above-mentioned backgrounds, it has been identified that it is necessary to conduct a workshop on developing ICT competence in Higher Educations Institutions.

2. Objectives
This workshop-series consists of 3 workshops, and the themes are as follows:
2. ICT Human Capacity Building (2005)

The objectives of the workshop are as follows.
1. Assessing the need on the provision of national ICT curriculum template for higher education
2. Identifying ICT profile of higher education institutions in Indonesia.
3. Promoting the network of human resources involved in provisioning ICT policy, regulation, business, development, education and training.

3. Expected Outcomes
The expected outcomes of the workshop are as follows:
1. Establishment of the network and society in Telematics in Indonesian higher education.
2. Identification of ICT Profile of Higher Education institutions in Indonesia
3. Assessment and evaluation of best practices in conducting ICT-based learning process.

4. Evaluation towards to need to provide a national ICT curriculum template for academic, vocational, continuing education and distance learning program in higher education institutions.

5. Formulation of quality assurance methods in maintaining the high level of quality on ICT education and training program in order to contribute to the nation's competitiveness.

4. Date and Venue

The conference will be held on 23-24 August 2004 at the Conference Hall of the Centre for Japanese Studies, University of Indonesia, Depok, Indonesia.

5. Program and Activities

The program will be conducted in two days. The first day consists of key note speeches and teleconference sessions with experts from Japan at the JICA Jakarta Office. Then it will be followed by half day presentation of papers by national and international resource persons from higher education institutions and industries. It will discuss the existing condition of ICT higher education program and ICT supported infrastructure from participating universities and industries.

The first half of the second day will consist of some presentations from industries and Employers of ICT graduates. Then the participants will be working in group to discuss the topics and draw a draft of working paper to formulate the societies and industrial needs in relation to the ICT competence and potentials of the higher education institutions.

Day - 1  23 August 2004

09.00 - 11.00  at JICA Jakarta Office (11.00 - 14.00 Japan Time)  Keynote Speakers:
09.00 - 09.30  1. JICA Resident Representatives
              2. Prof. Kohel Arai
              3. Director General of Higher Education, Ministry of National Education, Republic of Indonesia

09.00 - 11.00  Teleconference with Professors in Japan
              (12.00 - 13.00 Japan Time)
11.00 - 12.00  Presentation by Indonesian side and Japan side
12.00 - 13.30  Travelling to University of Indonesia, Depok Campus
               Lunch Break
13.30 - 17.00  at the Center for Japanese Studies, University of Indonesia

13.30 - 15.00  Session 1  ICT Graduates: Competencies and Potentials
ICT Competencies and Job Market Demand
(Dr. Ir. F.Y. Luhukay)
Preparing Graduates to Meet Market Demand
(Dr. Ir. K. Ramli & Dr. Ir. Riri F Sari, UI)
ICT Potential Assessment for e-Learning
(Dr. Paulina Pannen, UT)

15.30-17.00  Session 2  ICT Curriculum in Higher Education
ICT for Academic Program
(Dr. Lukito, UGM)
ICT for Continuing Education Program
(Dr. Suhono Supangkat, ITB)
ICT for Professional Program
(Dr. Titon dutono, ITS)

Day - 2  24 August 2004

09.00 - 16.00  at the Center for Japanese Studies, University of Indonesia

09.00 - 11.00  Session 3  ICT from Industries and Users’ Point of View
ICT and Infocom Society
(Giri Suseno, Mastel)
ICT Industries and Social Contributions
(Director, Indosat/Telkom)
Autonomy, Local e-Government and ICT Roles
(East Kutai Local Government)
International Companies: ICT Skill Requirements
(Country Manager, Fujitsu)

11.00 - 12.00  Session 4 Group Discussion
12.00 - 13.30  Lunch Break
13.30 - 15.00  Session 5 Group Discussion and Draft for Conclusion
15.00 - 16.00  Session 6 Conclusion and Closing

6. Participants

The universities, industries, government officials, professional communities
which are directly involved with the latest ICT Development and Regulation, as
well as ICT providers and users. Universities that will be invited to participate
on this workshop include, but not limited to:
(1) University of Indonesia (UI)
(2) Bandung Institute of Technology (ITB)
(3) Gajah Mada University (UGM)
(5) Andalas University (Unand)
(6) Brawijaya University (Unibraw)
(7) Open University (UT)
(8) Lampung University (Unila)
(9) Trisakti University
(10) Bina Nusantara University ( BINUS )
(11) Pelita Harapan University ( UPH )
(12) Gunadarma University
(13) Parahyangan Catholic University
(14) Satya Wacana Christian University
(15) Petra Christian University
(16) Indonesian Islamic University ( UI )
(17) 11 Maret University ( UNS )
(18) JICA training alumni

Other Public and Private universities related to the ICT education are also expected to come. The number of participants is approximately 100 (hundred) persons.

7. Contact Persons and Address

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