Some ICT changes at the Hanoi National University of Education after participation in the Next Gen project

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ICT INFRASTRUCTURE CHANGES

MOET pay more attention to ICT: National workshop on ICT, 2008-2009 academic year is the year for ICT.

Leaders and managers in the university pay more attention to ICT, as a result:

- More Hardware purchased
- More Software developed
- Wi-Fi on Campus installed
- More powerful Networking: Bandwidth connect to Internet 15Mbs (national) and 9Mb/s connect to International. Before, the number was only 1Mbs all together, then 4Mbs and 1Mbs.
- Video conference system developed
- Connect to VinaRen Network and APAN network via 100Mbs
University Hardware Power
Many more changes on IS of the university

- Information Management System has been updated, consist:
  - Student Management System
  - Learning Management System
  - Scientific report Management System
  - Staff management System
  - Financial Management System

- Network Management System has been improved
  - Proxy Service: All the Students, teachers, and staffs can access to Internet
  - Many Access Points (Wireless) on campus
More PC labs for students. E-learning system has been built

- More Personal Computers purchased for staff and students
  - Every faculty has its own computer lab
  - Besides, about 500 PC in common labs for all students used
  - Many Lecture rooms equipped PCs and projectors
E-Learning’s Architecture of HNUE

Authoring Client
Web-based Client

FTP Server
HTTP Server
LMS Server
LDAP Server

Firewall
Database
IBM Tivoli Directory Server 5.2
IBM WebSphere Application 5.1
IBM WebSphere Portal 5.1
IBM Team Collaboration 2.6
IBM Workplace Collaborative Learning 2.6
IBM DB2 Enterprise Edition 8.1

IBM HTTP Server 1.3.x

Server infrastructure of eLearning - HNUE

Design by HaiND
Every year, continuous training (short courses) for lecturers and administrators for using ICT and applying ICT in teaching.

Pre-service teachers are encouraged to do research (writing minor thesis) on ICT and application ICT for teaching.

Continuous training for support staff on Networking, E-Learning system and Information System.

Workshops on Peer Coaching programs organized for 5 faculties to develop core teams.
On-going Activities using ICT

- Staff are encouraged to develop lesson plans integrated ICT and share through the HNU’s portal.
- Providing syllabus of all subjects on the website to student to access
- Providing lecture notes to the student via User’s Portal
- Continuous training on ICT for academic staff
- Continuous training for support staff
- E-learning system has been introduced
- Distance learning via video conference
ONLINE SERVICES

- User’s Portal
  - Email for all students
  - Email for all staffs
  - Individual Lecturer websites
  - Academic Records of students

- E-Learning’s Portal
  - Providing about 60 coursewares for the students
  - Providing the e-books for the students
  - Providing the lecture notes for the students

- Online Library, that supports
  - Searching materials online
  - Booking materials online
  - Links to other international libraries

http://ebook.moet.gov.vn
Curriculum on ICT content has been redesigned

- Subject “Introduction to ICT” for all students
- Subject ICT applications for each specialty has been designed
Thank you for your attention!