

# # C843433 : MAJOR AUDIO-VISUAL EDUCATION

KEY WORD: STATE / NEEDS / PROBLEMS / INTERNET / INSTRUCTION / HIGHER EDUCATION

POJANART THONGKAMCHAROEN: STATE, NEEDS AND PROBLEMS CONCERNING  
INTERNET UTILIZATING IN INSTRUCTION IN HIGHER EDUCATION INSTITUTIONS  
UNDER THE JURISDICTION OF THE MINISTRY OF UNIVERSITY AFFAIRS. THESIS  
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The purpose of this research was to study state, needs and problems concerning utilization of the Internet in instruction in higher education institutions under the jurisdiction of the Ministry of University Affairs. The group sample was comprised of 794 members of Internet network in 7 governmental higher education institutions under the jurisdiction of the Ministry of University Affairs situated in Bangkok Metropolis. The sample was divided into 3 groups: 155 directors of academical departments, 306 instructors and 333 students. The data were analyzed by using frequency, percentage, means, and standard deviation.

The findings were as follows:

1. The servicess of Internet network system taken the most by instructors and students were World Wide Web search, electronic mail, files transfer, and remote login respectively.
2. The policy to utilize the Internet in instruction in the academical departments was mainly to push up faculties or institutions to improve basic equipment, especially communication lines, and speeds as well as to develop learning processes in various courses for searching for information by the Internet.
3. Directors of academical departments strongly agreed with the idea of implementing the Internet into instruction. A long term planning for implementing the Internet into the instruction required personnel development on the areas of knowledge, and efficiency in using the Internet, by means of inserting in contexts related to computer system or information system. In addition sufficient numbers of equipment should be provided to maximize the application which will upgrade better skills.
4. Most of the instructors and students wanted to apply the Internet services to the instruction and to get more speedy communication with the service center, more budget to modify condition of service center, more number of computers installed, more speed capacity of files transfer and broaden bandwidth.
5. The problems for the management of Internet service on academical department level was mainly on the insufficient budget.
6. The main problem from instructors for applying the Internet services into the instruction was inadequate support from the institutions in relation to management of areas, materials / equipment and personnel to provide advices, and no training provided, but if any, it does not cover all users which cause the majority thereof lack of skills or appropriate practical guidance.
7. The main problem from students for applying the Internet services into the instruction was that some users did not have their own computers and such application could not reach the maximum implementation, moreover the support from the institution was inadequate on the management of areas, equipment and personnel to provide advices.

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