

## C742934 : MAJOR AUDIO-VISUAL EDUCATION

KEY WORD : THE UTILIZATION OF COMPUTER FOR EDUCATION/ STATES, NEEDS AND PROBLEMS

THAWATCHAI CHARNWITTAYAKUL : STATES, NEEDS AND PROBLEMS CONCERNING THE UTILIZATION OF COMPUTER FOR EDUCATION IN MAHACHULALONGKORNRAJVIDYALAYA. THESIS ADVISOR : SOMCHAO NATPRASERT, PROFESSOR. ASSISTANT, 200 PP. ISBN 974-635-935-5

The purpose of the research is to study the States, needs and problems concerning computer application for education in Mahachulalongkorn Radvidyalaya by using the survey and questionnaire. The sample was 182 administors, teachers, and students. The data was analyzed by using percentage, madian and standard deviation.

The study revealed that the states of computer applicatin for education, computers were used mostly in learning and teaching, second most common was in administration, and in the serving part the least. The states of using computer were not in every unit and had not enough for working. In the teaching and learning part, the students learnt about computer in Chiangmai and Prea Campus except in Bangkok, because it is not ready.

The needs in administration include the need for a computer center for administer in work efficiently by using LAN and Internet, and need a programmer to work with responsibility too. The service part needs Internet for searching informatin from many resources and libraries, and needs a program BUDSIR IV for searching Pra Tri-Pidok and programmer to suggest how to use it too. In teaching and learning part, they need computer to assist in teaching and learning in every subject, and need more subject about using computers in the curriculum and also need more computers and computer rooms.

Problems in using computer application for education, had the most problems which divided into 3 parts; first in the administration part, they had problems about the lack of a programmer, had a too limited budget for a computer and the place to build the computer center. Second, the serving part was not systematic in working and geve less in services. Third, teaching and learning, lacked a computer programmer and had problems about time and did not heve enough computers and comptuer rooms.

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