

ABSTRACT

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Key Words: ICT FACILITY READINESS AND TEACHERS' USE OF ICT FACILITIES

Name: FELICIANO DE ALMEIDA BELO

Thesis Title: A STUDY OF ICT FACILITY READINESS AND TEACHERS' USE OF ICT FACILITIES IN ESCOLA TÉCNICA PROFISSIONAL BECORA DILI AND ESCOLA TÉCNICA PROFISSIONAL DOM BOSCO FATUMACA BAUCAU, DILI TIMOR-LESTE

Thesis Advisor: DR. YAN YE

The purposes of this study was to determine the ICT facility readiness and the ability of teachers to use ICT facilities in their school and to compare the ICT facility readiness and the ability of teachers' use of ICT facilities between the Escola Técnica Profissional Becora Dili and the Escola Técnica Profissional Dom Bosco Fatumaca Baucau, Dili, Timor-Leste.

A total of 90 teachers from the two schools were surveyed. The main source of the data was a set of questionnaires that investigated teachers' demographics, ICT facility readiness and the teachers' use of ICT facilities in the schools. The collected data were analyzed by using the descriptive statistics of mean, standard deviation; and inferential statistics of Independent Samples t-test (two-tailed).

The results of this study firstly showed that ICT facilities were not adequately available in the schools. The schools were not connected to the internet, though they

had computers, and they did not have the relevant educational software required to teach their students. In addition, the number of computers in these schools could not meet the needs of the large population of students and teachers in these schools.

Then, as for the teachers' use of ICT facilities, the study found that most teachers in these schools did not use ICT for teaching and learning processes. Most teachers were still lacking in the basic skills to use computers and other ICT devices to facilitate teaching-learning processes.

Moreover, this study further found that there were significant differences of the ICT facility readiness and the ability of teachers' use of ICT facilities between the two schools.

The study highly recommended the MOE of Timor-Leste to consider provide more adequate ICT facilities for supporting the schools' development, and recommended the schools to well use and manage the ICT facilities effectively, to provide appropriate trainings for teachers to use the ICT facilities in the teaching and learning in school's daily activity. Future researchers were also recommended to conduct more researches in public, private schools or other educational organizations in Timor-Leste, to promote the beneficial of ICT facilities and its usage in the era of globalization and technology development.

Field of Study: M.Ed (Educational Administration)

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