

ABSTRACT

Filia Dina Anggaraeni. *Effect of computer literacy, media computer readiness, computer media learning advantageous and ICT competence at undergraduate student of DSPI Faculty Sastra North Sumatera University Medan. Thesis : Postgraduate Program of State University Medan, 2008.*

The objectives of these research were to determine direct effects, indirect effects and total effects between variables each other. The variables were computer literacy, media computer readiness, media learning advantageous and ICT competence.

The research was done at Library and Information Study Department in Sastra Faculty of North Sumatera University on singular semester at academic year 2007/2008. The method of this research was ex post facto with path analysis. There were two exogenous variables (computer literacy and media computer readiness) and two endogenous variables (computer media learning advantageous and ICT competence).

The samples were 47 students undergraduate from V dan VII semester. Data collected using four instruments measuring student's; 1) computer literacy test ($\alpha=.902$); 2) media computer readiness ($\alpha=.758$); 3) media learning advantageous ($\alpha=.866$) and 4) ICT competence ($\alpha=.882$).

The result of the research were as follows, 1) direct effects computer literacy towards media learning advantageous = .831. 2) direct effects media learning advantageous towards ICT competence = .839. 3) indirect effects computer literacy towards ICT competence from media learning advantageous = .698; 4) total effects computer literacy towards ICT competence = .698; computer literacy towards media learning advantageous = .831; media learning advantageous towards ICT competence = .839.

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