Montree Denduang 2014: Development of Electronics Knowledgebase on Learning Measurement and Evaluation for Basic Education. Doctor of Education (Curriculum and Instruction), Major Field: Curriculum and Instruction, Department of Education. Thesis Advisor: Assistant Professor Wiparat Sangjun, Ph.D. 195 pages.

The objectives of this research were to develop electronics knowledge base on learning measurement and evaluation for basic education and to study the satisfaction towards electronics knowledgebase on learning measurement and evaluation for basic education. The research procedures consisted of three phases: 1) preparation for electronics knowledge base development, 2) designing and developing electronics knowledgebase and 3) studying satisfaction towards electronics knowledge base on learning measurement and evaluation for basic education. The sample in this study selected by purposive sampling were 80 primary and secondary teachers, 16 educational supervisors and 12 educators. The research instruments were evaluation form on contents of the knowledgebase for measurement and evaluation experts, evaluation form on designing knowledgebase for computer technology experts, and questionnaire on the satisfaction towards knowledgebase for teachers, educational supervisors and educators. The data was analyzed by using percentage and mean for quantitative data and content analysis for qualitative data.

The research findings were as follows: 1) the electronics knowledge base on learning measurement and evaluation for basic education was posted in the Songkhla Rajabhat University website at the URL: http://kruwatpon.skru.ac.th 2) the evaluation of knowledgebase content from evaluation experts matters revealed high satisfaction with the mean of 3.30 and the evaluation from computer technology experts matters revealed high satisfaction with the mean of 3.38 and 3)the evaluation of satisfaction from teachers ,educational supervisors and educators on the aspect of the presentation and the content was at the high level with the mean of 3.34.

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