

Sittisak Arthan 2012: Knowledge Management for Developing Quality Assessment Process of Sisaket College of Agriculture and Technology Through Participatory Action Research. Doctor of Philosophy (Vocational Education), Major Field: Vocational Education, Department of Vocational Education. Thesis Advisor: Assistant Professor Suparp Chatraphorn, Ph.D. 279 pages.

The objectives of this research were 1) to investigate strengths and threats of the personnel involving in the quality assessment operation, 2) to examine external and internal factors affecting the participatory process of the personnel in college quality assessment operation, 3) to examine the expected system of the quality assessment based on the personnel's perspectives, 4) to investigate an appropriate knowledge management process for quality assessment development emphasizing participatory process, 5) to develop a model for quality assessment operation using knowledge management, and 6) to examine the personnel's acceptance of the quality assessment system developed through participatory process.

This research was conducted by using mixed method. Seventy four target persons in this research included 5 administrators, 66 teachers and 3 educational personnel of Sisaket College of Agriculture and Technology. Four problems of quality assessment operation found in this study were: 1) lack of personnel's participation in the quality assessment procedure, 2) quality assessment operation not being blended in the routine work, 3) personnel having no mode to collect knowledge from work for knowledge management, and 4) lack of working system.

Knowledge management for quality assessment system development emphasizing participatory process consisted of 1) using commonly proud context as the base for development and reinforce with external and internal factors affecting participation of the personnel, 2) using personnel's potential for creating power of learning, and 3) using knowledge management process carried out by the community to develop the potential of the personnel in the quality assessment system based on the actual context of the organization.

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Student's signature

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Thesis Advisor's signature