

Jutarat Prompan 2010: University Classification: Roles on Resource Allocation Standard and Monitoring Evaluation. Master of Engineering (Industrial Engineering), Major Field: Industrial Engineering, Department of Industrial Engineering. Thesis Advisor: Associate Professor Kongkiti Phusavat, Ph.D. 107 pages.

Universities have played a very role in providing qualified graduates to economy and the society in general. The changes in demographics, urbanization, and economic development and decentralization in the recent years have had significant impacts on the policies in regard to structure, quality assurance, public accountability, and transparency for many public and private universities alike. As a result, classifying universities has gained lots of attention as a prerequisite to continuous improvement within and across educational institutions. This research aims to extend a previous study on university classification undertaken by Office of Higher Education Commission and to identify suitable standards for individual classifications (i.e., teaching-focus, teaching-natural, research-focus, and research-natural). These standards are expected to benefit resource planning and allocation from the viewpoint of Office of Higher Education Commission, and strategic planning from university administrators' perspective. In addition, the results are to be compared with selected universities from abroad.

From testing nine hypotheses such as the main campus in Bangkok or other provinces, universities of medicine and so on. The results demonstrated that higher education institutions are divided into eight classifications by using four factor criteria consisting of faculty of medicine, quantity of campus, full-time equivalent instructors and full-time equivalent students. This divided the range of research allocation ratios of these eight classifications into six ratios. The resource allocation ratios of selected universities from abroad are better than the Thailand higher educations.

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