

Researcher : Mrs.Siriwich Danothai
Research Topic : The comparison of achievement in the 7th Higher Education Development Plan (1992-1996) and the 8th Higher Development Plan (1997-2001) of King Mongkut's Institute of Technology North Bangkok
Period of Research 1 year
Research Fund Service : -

Abstract

The aim of this research is to compare work performance of King Mongkut's Institute of Technology North Bangkok from the beginning of the 7th Higher Education Development Plan (1992-1996) until the end the 8th Higher Development Plan (1997-2001). The potential and competency of the university will also be studied. Quantitative and qualitative data, after being analyzed, will be used for the Development Plan of the university in the future in the aspect of human resource production, education support, administration, research and academic service.

1) Human Resource Production

Total number of new students are lower than the targets 45.42 percent and 9.5 percent in the period of the 7th and 8th plan respectively. The ability of education management in the 7th plan period is considered by the total number of overall students that were higher than the targets 1.39 percent. However, it was lower than the targets 13.16 percent in the period of the 8th plan. The graduates production in the 7th and 8th plan period is analyzed from the number of graduates that were lower than the targets 24.93 percent and 27.28 percent respectively. Moreover, the graduates were employed for 85.26 percent in the period of the 7th plan and 67.48 percent in the period of the 8th plan. This was the result of the economic crisis during the 8th plan which caused the reduction in employment. Nevertheless, in both 7th and 8th plan, most Bachelor graduates got a job in a private sector, while the majority of Master graduates are employed in the government and public enterprise. In addition, during the 7th plan period, KMITNB could open 15 new programs which was 40.54 percent of the set targets, while 23 new programs (54.76 percent of the targets) were opened during the 8th plan.

2) Academic support and education management

King Mongkut's Institute of Technology North Bangkok has founded 8 new organizations which are only 25 percent of the targets in the period of the 7th plan. In the 8th plan, the university set less targets and could succeed establishing 3 new organizations which are 50 percent of the targets. On the other hand, the growth of the government budget given to the university has increased averagely 20.52 percent per year during the 7th plan. But it increased only 1.72 percent per year during the 8th plan. This is due to the problem of economic. Further, the number of officials in the 7th plan and 8th plan have raised from the beginning time 227 persons and 247 percent respectively.

3) Research

Research is one of the important mission of King Mongkut's Institute of Technology North Bangkok. There has been the policy to encourage officials to develop their research skill in order to create high standard research. The expectation is their research work could be used for the commercial purpose, knowledge transfer and the development of the country. The focus is on science and technology which are the main task of the university. It was found that in the 8th plan, the university could earn more research fund than the 7th plan period 66.23 percent.

4) Academic service

It was found that during the 8th plan, the university had provided more academic Services to the society than in the 7th plan period 383.86 percent. The increasing number existed in all types of academic service especially the service of evaluation and testing which are 59.69 percent of all academic services in the period of the 8th plan.

The comparison of achievement in the 7th Higher Education Development Plan and the 8th Higher Education Development Plan indicates that King Mongkut's Institute of Technology North Bangkok has paid more attention to develop the plan since the 8th plan period. It could be seen from the greater emphasis placed on the consideration of potential when the targets were set. However, due to the economics crisis during the early 8th plan, work performance of the university is much lower than the targets set in some areas.