

Prasit Pramongudomrat · An Evaluation of Technical Education
in Civil Engineering Curriculum of Department of Teacher
Training in Civil Technology, Faculty of Technical Education,
King Mongkut's Institute of Technology, North Bangkok.

Thesis Advisor : Asst. Prof. Kanda Phunlapthawee, 1989.

The purpose of this research is to evaluate the two-year curriculum of B.E. 2523 of Technical Education in Civil Engineering of Faculty of Technical Education, King Mongkut's Institute of Technology North Bangkok.

This research was based on CIPP model to evaluate context, input, process and product of the mentioned curriculum leading to the development in future. The population consisted of 6 specialists, 9 faculty members, 82 graduates and 70 students. The data were collected by using the questionnaires and informal interview and then analyzed to find out percentage, arithmetic mean, standard deviation and t-test.

The major findings of the study were as follows:

1. Context Evaluation: Only two domains of educational objective, cognitive and psychomotor were relevant to the objectives of the curriculum. The overall structure of this curriculum was accepted.
2. Input Evaluation: The educational qualification of most of the faculty members were accepted. The achievement of Civil Engineering graduates during their certificate level were moderate.
3. Process Evaluation: The students and graduates revealed that the overall teaching and learning process was moderate.
4. Product Evaluation: The graduates' achievement of learning was at the moderate level, as well as their attitude toward the knowledge and ability in each area they gained from learning process, was also at the same level.