

Thesis Title	A Comparative Analysis of Engineering Curriculum of Fourteen Governmental Universities.
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### Abstract

The purpose of this research was to analyse the Engineering Curriculum of fourteen governmental universities in five fields : Chemical Engineering, Mechanical Engineering, Electrical Engineering, Civil Engineering , and Industrial Engineering, total up to sixty one curriculum (B.E. 2540-2542). This research study was separated into two parts, the first parts was elements of curriculum under study encompassed the philosophical setting, curriculum objective ,structure content of courses , all structure of courses , the second part was the analysis of the same opinion objective curriculum with objective of Eight Higher Education Development plan of The Ministry of University Affairs (B.E. 2540-2544).

The Statement of Philosophy of the engineering curriculum mostly emphasized knowledge responsibility, morality and ethics. The purpose emphasized was cognitive domain ,moderate psychomotor domain, low affective domain.

The curriculum objectives covered in philosophical curriculum mostly emphasized compatible with the present social needs of the country.

The structure of subject content : general basic requirements the curriculum structure was found to be totally credits humanities and social sciences in vicinity modern languages but sciences and mathematics ever different in all group. According to structure of specialization, : required courses had credits higher core courses and minor : Majority criterion of tree elective coherence to the Ministry of University Affairs to fix total credits were not less than 6. total credits all structure subject contents of curriculum criterion of the Ministry of University Affairs.

Structure of courses: engineering curriculum five field all structure of curriculum criterion of the Ministry of University Affairs.

The same opinion between curriculum objectives of fourteen governmental universities with objective of Eight Higher Education Development Plan of The Ministry of University Affairs(B.E. 2540-2544). findings of this study indicated that curriculum objective should emphasized functions of institutions needs of their society and emphasized relationship with “keywords” in curriculum objective of Eight Higher Education Development Plan of the Ministry of University Affairs, a little be have into of the same opinion to be due to not to reform follow up plan.

**Keywords :** Curriculum / Analysis Curriculum / Engineering Curriculum