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Abstract

The purpose of this research were to construct and find out the efficiency of an Instructional Package for Power Electronic on Controlled Rectifier, Course of Diploma Curriculum, Electrical Division, Rajamangala Institute of Technology, 1984

The experiment was conducted on the sample group of twenty-nine second year diploma students of electrical division Rajamangala Institute of Technology North Bangkok campus during the second semester of academic year 1992. During the experiment, the students were asked to do the exercises. After all the lessons were taught the achievement test was given right. The score acquired from the exercise and test were used to determine the efficiency of the Instructional Package.

The research finding reveal that, the Instructional Package for Power Electronic on Controlled Rectifier was effective. The average learning progressive of students was 88.17 percent which higher than 80 percent established criteria and the average learning achievement of students was 77.31 percent which not different from 80 percent established criteria tested by t-test at 95 percent level of confidence.

Manit Sittichai

Committee Chairperson