



**EFFECT OF TECHNOLOGICAL PEDAGOGICAL
AND CONTENT KNOWLEDGE (TPACK)
ON STUDENTS' ACADEMIC ACHIEVEMENT**

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ABSTRACT

This research was conducted to figure out a study entitled “Effects of Technological Pedagogical and Content Knowledge (TPACK) on student’s academic achievement at UiTM (Melaka) City Campus. The purpose of this study is to determine the most effect which influence to the student’s academic achievement among UiTM’s students. The six independent variables are technological knowledge (TK), pedagogical knowledge (PK), content knowledge (CK), technological pedagogical knowledge (TPK), pedagogical content knowledge (PCK), AND technological content knowledge (TCK). The sample size used for this study was 181. Data was received by using convenience sampling. Data was analyzed by using frequency testing, reliability testing, descriptive analysis, and regression analysis. The study seeks to identify the level of student’s academic achievement at UiTM (Melaka) City Campus and to investigate the most significant effects of technological pedagogical and content knowledge (TPACK) with student’s academic achievement at UiTM Melaka City Campus. The findings revealed there is the significant effects of TPACK with student’s academic achievement among UiTM’s students and all independent variables (technological knowledge, pedagogical knowledge, content knowledge, technological content knowledge, technological pedagogical knowledge, pedagogical content knowledge) show significant relationship with the dependent variable (student’s academic achievement). The most significant effect of TPACK with student’s academic achievement at UiTM Melaka City Campus is technological content knowledge at 0.337 (33.7%). All the objectives were answered by the researcher.

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