

UNIVERSITI TEKNOLOGI MARA

**A COMPARISON STUDY BETWEEN TWO
MODES OF STUDENT SELECTION AND THEIR
ACADEMIC PERFORMANCE IN FACULTY OF
PHARMACY UITM PUNCAK ALAM.**

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ABSTRACT

The previous selection mode of Pharmacy Students in UiTM Puncak Alam is based on academic results, however, in 2016 the selection mode is based on interview selection. The interview supposed to be a great tool toward academic achievement for the faculty. However, some study evaluated various interviewing methods for academic predictors in a program and found that none of the interviews suggestively associated with academic performance (T, 1999). This study focuses on exploring the comparison of academic performance between two modes of student's selection in Faculty of Pharmacy, UiTM Puncak Alam. This study also intended to find out the factor that would make the academic performance vary between the students selected via different selection method. The main data used in this study were raw examination result semester 1 for batch 2012, 2013, 2014, 2015 and 2016 and the questionnaire that were distributed and collected from the student Year 1 until Year 3. The number of respondents involve in this study are 231 students and each of them answering the questionnaire which consist of four part of non-cognitive variable. From this study, the main comparison of academic performance of student was not really significant and the factor that make the academic performance vary between two selection modes of students was also not significant. Based on the result there was no significant difference in term of non-cognitive variable and year of student (Year 1, Year 2 and Year 3). There should be another factor apart from non-cognitive variable being assess and the data of individually academic CGPA should be collected for a more significant comparison of academic performance between two modes of student.

Keywords: selection mode, pharmacy students, academic performance, noncognitive variable.

CHAPTER 1

INTRODUCTION

1.1 BACKGROUND OF STUDY

The pharmacy programed UiTM started with the diploma level in 1996 and was established on 1st August 2001. In order to produce global students, the faculty has come up with the comprehensive syllabus that has been approved by the Minister of Higher education and that syllabus being supported by the Pharmacy Board of the Ministry of Health. Two of the objectives of the faculty are to produce a competent pharmacist and pharmacy associates in line with the vision of the university and faculty and also to create centers of excellence in areas to be identified.

The admission criteria for pharmacy student from Year Two, Year Three and Year Four based on the academic mode (academic achievement) while for pharmacy student from Year One, the admission criteria based on interview mode. A study shown for the correlation analysis of academic performance by using pre-pharmacy GPA can be used as a powerful predictor of pharmacy students' academic performance (Charupatanapong, McCormick, & Rascati, 1994). The interview process can be made to evaluate non-cognitive factor of applicants (Joyner et al., 2007) and several non-cognitive criteria have been found to have predictive value (Siemens, 2011).