SUMMARY

FARCHAINI BUDI ASTUTI. The Role of Student Engagement in The Academic Achievement of Scholarship Awardee Students of Bogor Agricultural University. Supervised by UJANG SUMARWAN and IBNUL QAYIM.

Scholarship awardee students receiving program Regional Representative (BUD) and Bidikmisi scholarship is expected to have a good academic record when taking higher education. Student engagement is situated at the junction between the student's behavior and condition of educational institutions, which represent aspects of student behavior and performance of the institution. This study aimed to analyze the effect of student characteristics, internal factors and external factors on student engagement and the academic achievement of scholarship awardee of BUD program and Bidikmisi scholarship in Bogor Agricultural University.

Sampling technique is used by using proportionate stratified random sampling technique based on the program of study or major with a sample of 345 respondents. Descriptive analysis of the technique of a range of criteria was conducted to determine the distribution of respondent’s answers to the questionnaire to shows respondent’s perceptions of indicator variables measured in this study. A structural equation model or Structural Equation Modelling (SEM) was constructed to analyze the effect between variables. Exogenous latent variables in this study include student characteristics, internal factors and external factors, whereas endogenous variables include student engagement and academic achievement. Student engagement is also the intervening variables that mediate between the success factors of academic achievement and the student academic achievement.

The results of the analysis of a range of criteria indicates that the student of BUD program and Bidikmisi scholarship had high achievement motivation, high interest and high academic self-concept. Related to external factors, family environment provide a high support on students to achieve a good academic achievement, academic environment proved to be quite high to support student achievement while community environment considered by the student provide low support for the student’s academic achievement. Related to the dimension of student engagement, scholarship students have a high level of academic challenge and perform high active and collaborative learning. Students are also actively engaged in activities that enrich the educational experiences and supportive campus environment perceived support the students academic achievement. The interaction between students and lecturers perceived by respondents is high enough to help their academic achievement.

Based on SEM analysis, the variable of age provided the largest contribution in shaping the dimensional of students characteristics at 0.16, variable interest in the major have the greatest contribution in building the dimensions of the internal factors with a value of 0.85 and variable academic environment provides the greatest contribution to external factors for 0.87. The highest contribution of the dimensions of student engagement variables obtained from academic challenges with a value of 0.79 and an indicator variable rate of initial GPA at TPB has the highest contribution to the academic achievement were 1.00.
Hypothesis testing conducted using SEM proved that student characteristics, internal factors and external factors influence student engagement. Internal factors and external factors have positive effect on student engagement, while students characteristics has negative affect significantly to the student engagement. Factor that gives the highest influence on student engagement is an internal factors. Student characteristics and internal factors also significantly effect the student’s academic achievement. Factor that gives the highest influence on academic achievement is students characteristic. Internal factors have significant indirect effect on the academic achievement through student engagement. In this study it was found that external factors do not affect the academic achievement and student engagement significantly influence the academic achievement of scholarship awardee of BUD program and Bidikmisi scholarship.

The results of the study should be followed up strategically in the management of scholarships and students in IPB. The higher education institutions also need to do a student engagement analysis on a regular basis so that the higher education institutions could determine the trend level of student engagement and student academic achievement.

Keywords: academic achievement, scholarship awardee, Structural Equation Modelling (SEM), student engagement.