

ABSTRACT

Indonesian government has been trying to accelerate the achievement of innovation-driven economy by increasing the global competitiveness of Indonesia through the development of technopreneurship. University and / or the institution of higher education have a role in producing students who have scientific knowledge and technical mastery in the technology engineering. To support government's effort, Telkom University also play its part. It also stated in Telkom University's vision to be actively involved in the development of science with information technology-based. Engineering students are expected to contribute the real product of innovation, as well as strengthening the national innovation system; since mostly the research by engineering students only end up in prototype and publications. So, it is important for Telkom University to increase engineering students' intention to become technopreneur.

The objective of this study is to test whether self-efficacy, entrepreneurship education, and entrepreneurship experiences influence technopreneurial intention in Telkom University, which majority of its students are in engineering faculty.

The variables used in this study are self-efficacy, entrepreneurship education, and entrepreneurship experience. Quota sampling method is employed to get a more evenly distributed sample as it came from four different faculties. Data were collected through questionnaires distributed to 372 of bachelor students on their third year and above from engineering major in School of Electrical Engineering, School of Industrial Engineering, School of Computing, and Engineering majors in School of Applied Science. The analysis method is using multiple regression analysis.

The result of this study shows that technopreneurial intention of engineering students in Telkom University sequentially influenced by entrepreneurship experiences (0.339), with significance value of $0.000 < 0.05$; self-efficacy (0.322), with significance value of $0.000 < 0.05$; and entrepreneurship education (0.126) with significance value of $0.011 < 0.05$.

Since entrepreneurship experiences is the most influential variable that followed by self-efficacy, it is important for Telkom University to conduct entrepreneurship learning method to become more technopreneurship-oriented that based on practical experiences and can stimulate engineering students' self-efficacy.

Keywords: Entrepreneurship Education, Entrepreneurship Experiences, Self-Efficacy, Technopreneur Technopreneurial Intention.