Abstract
Entrepreneurship education growing in recent years. It is seen from the many colleges that have made the subjects of entrepreneurship as a compulsory subject which must be adopted by every student. Sepuluh Nopember Institute of Technology (ITS) is one of the state universities that have played a role in preparing graduates who are able to create their own employment. Want to be studied more deeply about the effect the development of entrepreneurship education that used to be made in elective courses and is now an eye compulsory courses, entrepreneurial behavior ITS student who has taken and passed the course. Using Structural Equation Models, the result that a significant impact on entrepreneurial behavior of students (cognitive, affective, and psychomotor) is giving material. While learning systems applied include lecturers, evaluation of learning and learning facilities has a significant but negative.