Information technology has opened the eyes of the world will be a new world, new interactions, new market place, and a business networking world without borders. Where progress in the field of information technology in the form of both website development and internet chat makes the world more accessible. Because the development of technology in education is the SMA Negeri 4 Berau using Facebook as a medium of learning, especially learning Information Technology (ICT). Facebook be a suggestion to facilitate a variety of information from teacher to student and from student to teacher. Nearly all high school students in District 4 Berau have Facebook accounts, so they are also active in the virtual world. But in fact there are many students who take advantage of these features are improperly communicating with the teacher or the school or discuss about the tasks but it is used for chatting, and just a status update.

The research was conducted in SMA N 4 Berau regency, with the goal of 1. Knowing the intensity of the use of Facebook level in SMAN 4 Berau. 2. To determine the level of student achievement SMAN 4 District. Berau. 3. Knowing the level of intensity of use Facebook relationship with student achievement.

The design of this study was a quantitative correlation. The independent variables of this study is the intensity of Facebook use (X) and the dependent variable is student achievement (Y). The population of this study were students in grade 1 and 2, amounting to 225 people, so that the population of this study were drawn 25% of the total population is 52 people. Samples were taken by purposive sampling. To measure the level of intensity of use of Facebook using a closed questionnaire that provides the answer choices to the respondents, while learning achievement can be of value in the odd semester of students' cognitive and psychomotor value. The analytical method used was using SPSS 16.0 For Windows.

The results showed an intensity level high school students' use of Facebook N 4 District. Berau is at a moderate level that is equal to 51.9% (27 students), 25% (13 students) are at a low intensity level, and 23.1% (12 students) are at high intensity levels. While the level of student achievement SMAN 4 Berau SPSS.16 calculated using data obtained at the level of learning achievement of children Berau SMA 4 is at the level of being as much as 48.1% (25 students), 26.9% (16 students) at high level, and 25% (13 students) at low levels. Relationship level of intensity of use of Facebook and have the student achievement of significant value (p = 0936 <0.05) which means that there is no relationship between the intensity of the use of Facebook with student achievement.