

CHAPTER V

CONCLUSION AND SUGGESTION

5.1. Conclusion

Based on the result of research and the analysis of data, it could be concluded as explanation below:

1. Implementation model of basic technology education (BTE) can be improving the ownership of students' concept of students' on colloidal systems matter that proved with T-Test, averages gain in Experiment class is (76.09 ± 8.33) and control class (55.62 ± 8.92) at significance level 5% H_a received and refuse H_a ($t_{\text{count}}(9.22) > t_{\text{table}}(1.55)$)
2. Implementation model of basic technology education (BTE) can be improving Science process skills of students' on colloidal systems matter. That proved with T-Test, averages gain in Experiment class is (80.64 ± 7.89) and control class (64.47 ± 6.91) at significance level 5% H_a received and refuse H_a ($t_{\text{count}}(9.43) > t_{\text{table}}(1.70)$)
3. There is relation that linier and significance between two variables, those are science process skills and ownership of the concepts. The equation regression is $26.59 + 0.71x$ and correlation value of it 68.57%. It means very high correlation between two variables. The yen of students' in entrepreneurship case in experiment class is 23.33%, which categorized high, 6.67%, which categorized enough, 20%, which categorized less, while in control class is 13.33%, which categorized high, 10%, which categorized enough, 53.33%, which categorized less and 23.33% students' at control class is not interest to be an entrepreneur.

5.2. Suggestion

Based on the calculations of this study, the authors can provide advices as follows:

1. Chemistry teachers, especially in pharmacy vocational high school APIPSU of Medan could apply model of basic technology education (BTE) as an alternative model to improve entrepreneurship spirit of students' on chemistry learning
2. Readers and the other researcher, as a new information and references to do a sort research in other time
3. It is need to do the next research with the other subject matter as an attempt to increase education quality especially in chemistry subject