

CHAPTER V

CONCLUSION AND SUGGESTION

5.1. Conclusion

Based on the result and discussion, it can be concluded that:

1. There is effect of using different online learning platforms on student's perception in Cell Biology course where, where using SIPDA is proved by the value $t_{\text{count}} = 2.489 > t_{\text{table}} = 1.981$; using Zoom is proved by the value $t_{\text{count}} = 4.024 > t_{\text{table}} = 1.981$; and using WhatsApp is proved by the value $t_{\text{count}} = 1.982 > t_{\text{table}} = 1.981$. In Ecology course, the effect on student's perception of using SIPDA is proved by the value $t_{\text{count}} = 1.991 > t_{\text{table}} = 1.981$; using Zoom is proved by the value $t_{\text{count}} = 2.335 > t_{\text{table}} = 1.981$; and using WhatsApp is proved by the value $t_{\text{count}} = 118.448 > t_{\text{table}} = 1.981$. In Genetics course, using SIPDA affect which proved by the value $t_{\text{count}} = 6.790 > t_{\text{table}} = 1.981$; using Zoom is proved by the value $t_{\text{count}} = 1.988 > t_{\text{table}} = 1.981$; and there is effect of using WhatsApp is proved by the value $t_{\text{count}} = 2.000 > t_{\text{table}} = 1.981$.
2. There is effect of using different online learning platforms on student's learning behavior in Cell Biology course where, where using SIPDA is proved by the value $t_{\text{count}} = 6.368 > t_{\text{table}} = 1.981$; using Zoom is proved by the value $t_{\text{count}} = 4.981 > t_{\text{table}} = 1.981$; and using WhatsApp is proved by the value $t_{\text{count}} = 1.997 > t_{\text{table}} = 1.981$. In Ecology course, the effect on student's learning behavior of using SIPDA is proved by the value $t_{\text{count}} = 1.994 > t_{\text{table}} = 1.981$; using Zoom is proved by the value $t_{\text{count}} = 3.397 > t_{\text{table}} = 1.981$; and using WhatsApp is proved by the value $t_{\text{count}} = 2.087 > t_{\text{table}} = 1.981$. In Genetics course, using SIPDA affect student's learning behavior which proved by the value $t_{\text{count}} = 2.998 > t_{\text{table}} = 1.981$; using Zoom is proved by the value $t_{\text{count}} = 1.988 > t_{\text{table}} = 1.981$; and there is

effect of using WhatsApp is proved by the value $t_{\text{count}} = 1.999 > t_{\text{table}} = 1.981$.

3. In Cell Biology course, the correlation of perception and learning behavior of student is positive and low, where using SIPDA has a = 0.256; using Zoom has a = 0.341; and using WhatsApp has a = 0.262. In Ecology course, the correlation of perception and learning behavior of student is negative and low, where using SIPDA has a = -0.309; using Zoom has a = -0.296; and using WhatsApp has a = -0.366. In Genetics course, the correlation of perception and learning behavior of student is positive and low, where using SIPDA has a = 0.282; using Zoom has a = 0.249; and using WhatsApp has a = 0.247.

5.2. Suggestion

Based on the result and discussion along with the conclusion, the suggestion which is given as follows:

1. The development of the SIPDA as official learning platform in Universitas Negeri Medan needs to be improved in the content, accuracy, format, ease of use, and timelines sectors, so that learning can be more efficient using only one platform that already supports many learning activities.
2. The next researchers is expected to be able to conduct similar research involving all courses with other online learning platforms, can remain on the same year students or others, as material for routine evaluation of SIPDA as official learning platform in Universitas Negeri Medan.