

Modern Technology and Its Influences Among Teenagers

Renante A. Diamante¹, and Noel A. Banca²

Iloilo State College of Fisheries, Philippines

De La Paz National High School, Philippines

Email: rdiamantetip@gmail.com and noel.banca@gmail.com

Abstract— The purpose of this study is to determine the influences of modern technology among teenager's education. The teenagers included in this study were majority of females and with the majority ages of 13-15. The most preferred gadgets or tools used by the respondents were "cell phone", "laptop" and "tablet" respectively. The most disadvantages of modern technology among teenagers of Municipality of Banate, Iloilo was "Modern technology is very useful in research or education followed by the source of entertainment and spend us time for working". It was concluded that the most influences of modern technology to their lives of teenagers of Municipality of Banate, Iloilo were very beneficial in day to day activities of teenagers, modern technology provide them a chances for socially challenges to experience in the form of social interaction and make their lives convenient.

Keywords— modern technology, teenagers.

INTRODUCTION

Technology today plays an important role in our life. The effect of technology can be felt in every possible field one such field is Education [1]. The transfer of knowledge becomes stress free and convenient, as well as effective. What this means is, that we thoughts tend to work faster when assisted with the use of modern technology, be it any part of life, here we talk about education. The massive developments in technology have made distance education easy [2]. The modern technologies are demanding that teachers learn how to use these technologies in their teaching. Hence these new technologies increase the teachers' training needs. The concept can be better understood when is integrated into a context in which technology is used in order to meet people's need to learn and evolve [3].

Present technology has become a need for young person's today, numerous activities being created and accompanied by today's technological structures. From learning, to keeping informed, from work to entertainment and recreation activities, all these elements with realistic or artistic focus, in a combined perception or an intimately individual one, are built upon or facilitated through the new technologies [4].

Now we are experiencing the computer revolution as we see the effects of the computer on transportation, economy, education, business, and even in our homes.

Today, there is an extensive use of computers in a various application, a computation of bank statements, the use of robotics, machine to speed up some factory works, enrolment and grading system in school and universities, networking and others. Man slowly realized the importance of computer to speed up communication even in remote areas and as means of transferring data for business needs.

This prompted the research to conduct the study in order to determine the influences of modern technology towards teenager's education.

RESEARCH METHODOLOGY

Research Design

The study used the descriptive method of research design. Descriptive research has involved the collection of data on the influences of modern technology among the teenager's education in the Municipality of Banate, Iloilo.

Locale of the Study

The study was conducted at the Municipality of Banate, Iloilo. The town situated along the coastal rim of the province of Iloilo 50 kilometres away from the going to the north bored by the municipalities of Barotac Nuevo, Anilao, Dingle, San Enrique, Barotac Viejo.

Respondents of the Study

The researchers have considered 82 respondents aged 13-19 out 446 teenagers from the Municipality of Banate, Iloilo.

Sample Size

The target population of this study consisted of teenagers in Municipality of Banate, Iloilo which is about 446 teenagers.

Out of 446 teenagers in the list, 82 were randomly selected as respondents using a Slovens formula.

Sampling Technique

The study used the simple random sampling design. The respondents were randomly picked using lottery method.

Research Instrument

A modified questionnaire was made and validated by experts in the field of research. A copy was distributed to the respondents. The respondents were asked to answer a set of question about the impact of modern technology among teenagers of Municipality of Banate, Iloilo.

Data Gathering Procedure

The researchers prepared sets of instrument which used in the study.

The 82 respondents were personally approach by the researchers and were given self-administered questionnaire accomplice by the later containing the purpose and significance of the study.

Data Analysis Procedure

Questionnaire were gathered, the data were categorized into: age and gender of the respondents.

Data were categorized, transformed into tables in order to facilitate computer processing, after the data was transformed into numerical order, the data was sorted, counted and organized into statistical facts into a systematic order in a statistical table.

The following statistical methods were utilized in the analysis of the result of the study.

Frequency distribution-was used in describing their influences of modern technology among teenagers of Municipality of Banate, Iloilo and the characteristics such gender and age.

Percentage was used to determine the proportion of a part of a whole.

RESULTS

Table 1. Shows demographic profile according to gender shows that out of 82 respondents 40 or 49% males and 42 or 51% were females.

Table 1: The demographic profile according to gender.

Gender	Frequency	Percentage
Male	40	49%
Female	42	51%
Total	82	100%

Table 2. Shows the demographic profile of respondents according to age, 50 or 61% were ages 13-15 and 32 or 39% were ages 16-19.

Table 2: The demographic profile of respondents according to age.

Age	Frequency	Percentage
13-15	50	61%
16-19	32	39%
Total	82	100%

Table 3. Shows most preferred gadgets or tools used by the teenagers that out of 82 respondents 60 or 73% of respondents use cell phone as the most preferred gadgets, 10 or 12% respondents used laptop, 5 or 7% of teenagers used tablet, 4 or 5% respondents used iPod and mp3 was the least preferred gadgets or tools used by the respondents with a tabulated frequency of 1 or 1%.

Table 3: The most preferred gadgets or tools used by the teenagers.

Gadgets or Tools	Frequency	Percentage	Rank
Cell Phone	60	73%	1
Laptop	10	12%	2
Tablet	5	7%	3
Camera	4	5%	4
iPod	2	2%	5
MP3	1	1%	6
Total	82	100%	

Table 4. Shows the utmost advantages of modern technology among teenagers of Municipality of Banate, Iloilo out of 82 respondents 39 or 47.56% of the respondents answered “modern technology useful in research or education” 15 or 18.29% of the respondents choose “source of entertainment” 15 or 13.85% of respondents agreed that “spend less time in working” and least preferred advantage provide fast and accurate exchange of information.

Table 4: The utmost advantages of modern technology among teenagers of Municipality of Banate, Iloilo.

Advantages	Frequency	Percentage	Rank
1. Useful in research or education	39	47.56%	1
2. Source of entertainment	15	18.29%	2
3. Provide and fast accurate information	7	8.54%	5
4. Spend less time in working	8	9.7%	4

5. Promote one click information	13	15.85%	3
Total	82	100%	

Table 5. Shows that the most advantages of modern technology among teenagers of Municipality of Banate, Iloilo, 35 or 42.68% respondents out of 82 respondents chose source of pornographic video as the most disadvantages of modern technology among teenagers, 25 or 30.49% respondents chose second most disadvantages of modern technology among teenagers was costly to buy gadgets, 12 or 14.64% respondents third most disadvantages was lack of supervision of parents that the use of gadgets in a wrong way, 5 or 6.10% and 5 or 6.10% respondents chose that least disadvantages in modern technology among teenagers were can cause addiction and costly to support respectively.

Table 5: The most disadvantages of modern technology among teenagers of the Municipality of Banate, Iloilo.

Disadvantages	Frequency	Percentage	Rank
1. Costly to buy gadgets	25	30.39%	2
2. Source of pornographic video	35	42.68%	1
3. Can cause addiction to the user	5	6.10%	4.5
4. Costly to support the needs of gadgets to operate	5	6.10%	4.5
5. Lack of supervision of parents that use in a wrong way.	12	14.63%	3
Total	82	100%	

Table 6. Shows the influences of modern technology to the lives of teenagers of Municipality of Banate, Iloilo, out of 82 respondents 22 or 26.83% chose that “very beneficial in day to day activities of teenagers”, 13 or 15.85% chose that “provide opportunity for self-realization”, 11 or 13.41% chose that “make teenagers lives convenient”, 9 or 10.97% of respondents answered that “teenagers spend less time in working and give more time for relaxation, improves the quality of living and cause addiction leading to a more isolated

generation to the teenager got the same rank 7 or 8.54% respondents answered, 6 or 7.32% respondents answered that teenagers are too dependent in modern technology, 3 or 3.66% respondents answered open the minds of teenagers to use technology, provide accurate and fast exchange of ideas and information and grant an opportunity to become a complete person got at least on the effect of lives among teenagers or 2 or 2.44% respectively.

Table 6: The influences of modern technology to the lives of teenagers of the Municipality of Banate, Iloilo.

Influences	Frequency	Percentage	Rank
1. Teenagers are too dependent on modern technology	6	7.32%	7
2. Very beneficial in day to day activities of teenagers	22	26.83%	1
3. Make teenager live more convenient	11	13.41%	3
4. Improves the quality of living.	7	8.54%	5.5
5. Spend less time in work and gives more time for relation	9	10.97%	4
6. Cause addiction leading to more isolated generation to the teenager	7	8.5%	5.5
7. Open the minds of teenager to use technology	3	3.66%	8
8. Provide accurate and fast exchange of ideas and information.	2	2.44%	9.5

9. Grants opportunity to become a complete person.	2	2.44%	9.5
10. Provide opportunity of self-realization.	13	15.85%	2
Total	82	100%	

CONCLUSION AND RECOMMENDATION

Conclusion

The teenagers included in this study were majority of females and with the majority ages of 13-15. The most preferred gadgets or tools used by the respondents were “cell phone”, “laptop” and “tablet” respectively. The most disadvantages of modern technology among teenagers of Municipality of Banate, Iloilo was “Modern technology very useful in research or education followed by the source of entertainment and spend us time for working”.

It was concluded that the most influences of modern technology to their lives of teenagers of Municipality of Banate, Iloilo were very beneficial in day to day activities of teenagers, modern technology provide them a chances for socially challenges to experience in the form of social interaction and make their lives convenient.

Recommendation

To continue the good influences of modern technology to the teenagers, the researcher would like to suggest that the Municipal Officials of Banate, Iloilo together with parents will conduct a seminar to the purposeful effect of the technology to teenagers in a certain barangay.

The teenagers should know the limit of the use of the technology, it should be avoided the pornographic video that tend to a criminal action such as rape, adultery, cybersex and other aspects of that related.

Parents should also employ a role in their children about the limitations of the use of modern technology to avoid in appropriate uses of technology, supervising, guiding and valuing should be address to their children so that their children will not go into wrong track of using modern technology.

Teenagers should know also the importance of money; it is necessary to buy costly gadgets or tools to be with the trend, it should be considered the necessary and unnecessary.

REFERENCES:

[1] R. Raja*, P. C. Nagasubramani (2018). Department of Pedagogical Sciences, Tamilnadu Teachers Education University, Karapakkam, Chennai - 600 097, Tamil Nadu, India. Journal of Applied and Advanced Research, 2018: 3(Suppl. 1) S33-S35 <https://dx.doi.org/10.21839/jaar.2018.v3S1.16>

[2] McBrien, J. L., Cheng, R., & Jones, P. (2009). Virtual spaces: Employing a synchronous online classroom to facilitate student engagement in online learning. The International Review of Research in Open and Distributed Learning, 10(3), 1-17.

[3] Cohen, E.; Nycz, M. (2006). Learning Objects and E-Learning: An Informing Science Perspective. Interdiscip. J. E Ski. Lifelong Learn. 2006, 2, 23-34.

[4] Constantin Cucos*, Adrian Vicențiu Labăr**(2009). The Impact of the Current Technologies on the Youth’s Personalities Development. Universitatea, Al. I. Cuza” din Iași, Str. Toma Cozma, nr. 3, Iași *e-mail: cucos@uaic.ro **e-mail: vicentiu80@yahoo.com.