

# Digital Literacy Based on Local Wisdom in Language Learning

Rosida Tiurma Manurung  
rosidatm@gmail.com  
Universitas Kristen Maranatha

**Abstract.** This paper aims to determine the application of language teaching in the digital era based on local wisdom. Who plays a role in the learning process. The Indonesian language subject is very likely to help in the application of local wisdom for students in this digital era by incorporating it into learning. Indonesian is one of the lessons in which it teaches various kinds of lessons related to everyday human life. In this digital era, learning Indonesian based on local wisdom has to be improved by the presence of technology and the proliferation of slang languages that do not reflect positive characters. The community has a broad role in helping the world of education in introducing local wisdom in the lives of their students. With the mastery of digital literacy, students are able to use digital technology tools to become citizens who have a sense of nationalism, are responsible, have a sense of pride in being Indonesian citizens, and can set a good example for the next generation, and preserve local culture and regional languages. Learning Indonesian based on local wisdom in the digital era is very appropriate so that students are able to develop an interest in using Indonesian, have a sense of love for the country, and form student understanding and skills in solving social problems that occur in life. Respondents strongly agree that digital literacy can be mastered if individuals have adequate language skills through language learning. Respondents also strongly agree that language has an important role in digital literacy. From the results and discussion, it was also found that good and correct language can affect a person's literacy skills. Even though they are good at digital literacy, respondents agree that the characteristics of locality must be maintained.

**Keywords:** digital literacy, local wisdom, Indonesian language learning

## 1 Introduction

At this time, learning in each educational unit must be adjusted to the development of information technology. The development of learning is also directly proportional to changes and shifts in the educational paradigm which is marked by the use of teaching aids such as audio, visual and school equipment that are adapted to the times. In addition, learning must be adjusted to the demands of the curriculum in accordance with the materials, methods, and level of students' learning abilities. This is so that learning objectives can be achieved effectively and efficiently. So far, language learning is still limited to theoretical learning and tests. The aspects that are assessed are still in the cognitive level of students only. Learning media should emphasize the appreciation of students for language learning materials that are able to develop cognitive, affective, and conative intelligence. Therefore, it is necessary to develop forms of learning media that are right on target by paying attention to the level of appreciation of students. The results show that in the digital era, everyone can make good use of and optimize the use of

the internet, especially in the field of education. In this digital era, digital literacy can be used in language learning based on local wisdom. Local wisdom can be defined as wisdom or noble values contained in local cultural wealth. By raising local wisdom in language learning with digital literacy, namely the absorption of teaching materials with digital devices, students are expected to be able to recognize their culture and the values in it. Character building taught in schools can also be carried out if students know, understand, and live the local wealth in the form of local wisdom that contains philosophy and noble values. The quality of education by itself will be reflected in the quality of human resources, where our human resources are generally still low, meaning that the quality of education is currently still low in the majority. Understanding of student behavior in the learning process is very important, especially for teachers. There is a current tendency to return to the idea that children are better off if the environment is created naturally.

According to Haryati Soebadio (in Agus Wibowo, 2015) Local wisdom is an identity or cultural personality of a nation that causes the nation to be able to absorb, even cultivate, culture originating from outside / other nations into its own character and abilities. Local wisdom is integrated with the character of the community, because its existence is always carried out and preserved in certain conditions, it is even highly respected. According to Manurung (2021), the development of current technology, such as the increasing use of online games available on smart phones, is the main reason millennials are lazy to read books. The role of parents is very important at this time, at a time of a pandemic that requires most people to self-quarantine at home, parents should direct the millennial generation to read digital books more often than play gadgets and access things that are not useful. Digital reading for language learning teaching materials can be directed to the value of local wisdom. Eskicumah (2015) states that the use of technology in education has influenced the structure of the education system, thus technology can be used in learning activities. According to (Sztompka, 2008), local wisdom is seen as an adaptation of people's life experiences that have been applied from generation to generation so that it becomes a community tradition in question. Local wisdom is an adaptation result of a community that comes from generation to generation (Wibowo and Gunawan, 2003). Based on research, when students do digital literacy, the class atmosphere is conducive and student involvement in the class is quite good. They finally realized that their portable computers and smartphones provided many benefits and could certainly support them in the learning process, especially learning Indonesian. The inculcation of local wisdom values in Indonesian language learning is a positive action to rebuild regional cultural values as the identity of the Indonesian nation. Language learning based on local wisdom is very appropriate because it is easily understood by students as local ideas that are wise, full of wisdom and good value that will be understood by students and students by making activities that contain elements of a sense of nationalism and patriotism so that the application of Indonesian can be understood. continues to be applied.

## **2 Methods**

In this study the authors collected data via social media Line and Whatsapp. In this study, qualitative methods and descriptive analysis were used. Bogdan and Taylor (in Moleong: 2002) define qualitative research as research that produces descriptive data in the form of written or spoken words from people and observable behavior (p. 9). The author conducted the research from December 2020 to January 2021. In this study, 22 students and female students were the sources of research data. Taking data sources that will be used as research samples, the authors take a random sampling technique, namely random data collection. Literature study is all the

efforts made by researchers to gather information that is relevant to the topic or problem that will be or is being researched. Data collection techniques by asking written questions to be answered in writing to be answered in writing also by the respondent with a type of questionnaire. A combination of open questionnaires and closed questionnaires. After the data is obtained the writer analyzes the data by analyzing the results of the questionnaire that has been filled in by the respondent, then the dollar data is by entering the data in the frequency table statistically. The research procedure is made as follows:

- a. Make a research design
- b. Determine the subject and object of research
- c. Creating a research instrument
- d. Carry out data collection and research
- e. Carry out data processing and research
- f. Make a research report

### 3 Results and Discussion

Local wisdom-based learning combined with Indonesian language learning is very relevant in the era of society 5.0. The purpose of learning Indonesian is so that students are able to develop knowledge, understanding, and skills to solve social problems that occur in students' lives, according to their learning abilities. Local wisdom-based learning to instill character education can be done in various ways, namely integrating into subjects, through local content subjects, through self-development, etc.

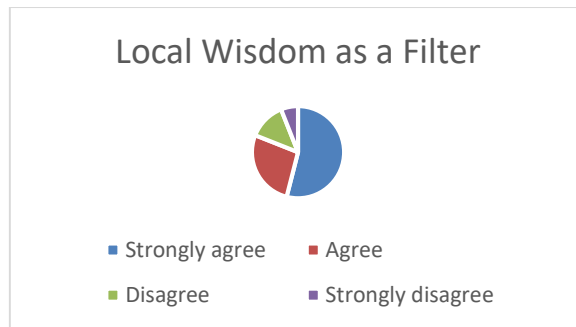
Following are the results of data processing obtained from respondents' answers through online questionnaires (google form).

- a. In this digital era, is Indonesian language learning still relevant?



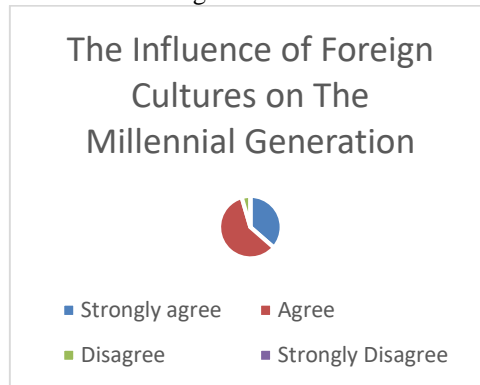
In accordance with the results of the respondents' answers, it was found that the highest percentage were students who agreed that learning Indonesian is still a relevant language at 72.7%, the second percentage was students who chose strongly agree at 18.2%, and the highest percentage. The lowest was the students who chose to disagree at 9.1%.

- b. In this digital era, can noble values in local wisdom filter out negative influences from outside cultures?



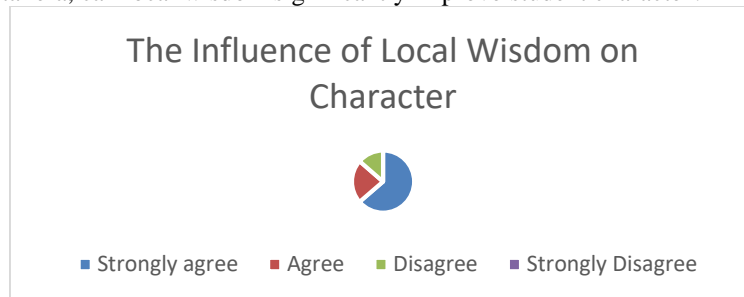
Strongly agree	54%
Agree	27%
Disagree	13%
Strongly disagree	6%

c. In this digital era, has the millennial generation been influenced by foreign cultures?



Strongly agree	36,40%
Agree	59,10%
Disagree	4,50%
Strongly Disagree	0%

d. In this digital era, can local wisdom significantly improve student character?



Strongly agree	63,60%
Agree	22,70%
Disagree	13,60%
Strongly Disagree	0%

In this digital era, Indonesian language is still a relevant language in the eyes of students. Local wisdom also makes it easier for students to education and the learning process. Local wisdom is very suitable when combined with language learning that you want to learn. This is because students do not want Indonesian local wisdom to just disappear. Local wisdom can also strengthen national character through the optimization of local wisdom-based education through language learning. From the questionnaires that we distributed to female students, Indonesian people consider local wisdom to be outdated or outdated. This has proven that local wisdom has begun to fade in the eyes of the Indonesian people. So what should we do? By reducing the use of foreign products also has a good impact on the development of local wisdom that you want to maintain, holding local Indonesian art exhibitions can also invite domestic and foreign people to increase local wisdom so that it does not become extinct, teaching Indonesian language inserts local wisdom in theory learning or assignments. practice, giving examples in the form of videos or pictures of local wisdom to the community, bringing them closer together such as providing interesting facts about the local wisdom of an area, etc. The application of language learning based on local wisdom can also increase public awareness in using good and correct language and reduce slang when using social media in this digital era so that it can continue to preserve the language of the community itself.

#### **4 Conclusion**

Based on the results and discussion, the following conclusions are obtained.

- a. Today's digital technology is increasingly sophisticated causing major changes in the world. Humans have made it easy to access information in many ways, and can enjoy the facilities of digital technology freely, but the negative impact also appears as threatening. With increasingly sophisticated technology, students lose interest in language learning, especially the use of good and correct Indonesian so that they use more slang or indecent language that they should not apply.
- b. The entry of foreign culture and slang culture does not rule out a cultural shift in which the use of good and correct Indonesian is less mastered. One of the efforts that can be made to uphold Indonesian as the language of unity is by utilizing local local wisdom. This aims to maintain the existence of local culture so that it is not forgotten and can use the Indonesian language appropriately.
- c. Local wisdom actually contains a lot of exemplary and wisdom in life. The importance of local wisdom in our education in a broad sense is part of the effort to improve our national sustainability as a nation. Character education is not just teaching something that is right and wrong but character education also instills habits (habituation) about good things so that students understand (cognitively) what is right and wrong, are able to feel (affective) good values and are used to doing it. (psychomotor). Learning Indonesian based on local wisdom is in line with the goals of national education, namely religious, honest, tolerance, discipline, hard work, creative, independent, democratic, curiosity, national spirit, love for the country, respect for achievement, friendly / communicative, peace-loving, likes reading, cares about the environment, cares about social, and is responsible.
- d. Language learning based on local wisdom is very appropriate because it is easily understood by students as local ideas that are wise, full of wisdom and good value that will be understood by students and students by making activities that contain elements of a sense of nationalism and patriotism so that the application of language Indonesia can be done consistently.

- e. The application of local wisdom-based language learning may increase public awareness in using good and correct language and reduce slang when using social media in this digital era so that it can continue to preserve the language of the community itself. By raising local wisdom in teaching materials, students are expected to be able to recognize the culture and the values in it. Character building taught in schools can also be carried out if students fully understand each of their cultural values. This is believed because each student has their own culture and that culture is very close to them.

## References

- [1] Wibowo, Agus & Gunawan. (2015). Pendidikan Karakter Berbasis Kearifan Lokal di Sekolah. Konsep, Strategi dan Implementasi. Yogyakarta: Pustaka Pelajar.
- [2] Manurung, Rosida Tiurma. (2021). "Literacy Education For Nusantara Story Books For Strengthening The Character Of The Millennial Generation". Dalam Community Service in The Midst Of The Covid-19. Novateur Publication.
- [3] Eskicumah, A., et al. (2015). Utilization of Information and Communication Technologies as a Predictor of Educational Stress on Secondary School Students. The Turkish Online Journal of Educational Technology, 14 (2); 241-246.
- [4] Sztompka, Piötr. (2008). Sosiologi Perubahan Sosial. Jakarta: Prenada.
- [6] Moleong, L.J. (2002). Metode Penelitian Kualitatif. Bandung: Remaja Rosdakarya.