



SNAP TO READ

## PERSPECTIVE OF TEACHERS ONLINE AND PRACTICAL KNOWLEDGE IN COVID-19 PANDEMIC ERA

**Sri Wahyuni**

*LAIN Tulungagung*

*Sriwahyuni09.sw@gmail.com*

First received: January 27, 2021

Final proof received: November 2, 2021

### **Abstrak:**

*Exploration of task preparation for teaching learning process TLP on online for educational time by the time remains high agenda for seeking new ways and means to improve the TLP. This is the challenges for the teacher to be presented in the implementation of teacher education program that is convenient for the learners in TLP, as solution to the challenges in Education System in the era digital. Teachers prepare role of implementation step by step to learn and practice the necessary knowledge skills and attitudes to become teachers' competence in the education system. Hopefully they are able to channel information to others for digital online. This research based on the covid-19 pandemic Era, that all activities have done from home (WFH), teachers must be proactive individually to expand their skill and join mentoring, training and briefing technical also seminar/workshop online for their ability in a pedagogical social, attitude, and professionalism. There are merits and demerits classes conducted via zoom and Google Classroom in TLP. Whereas anything can be accomplished in the traditional classroom done electronically, information / material in TLP could be stored via technology but construction of knowledge especially a teacher cannot be replicated online. The aim of the study was examine the online media are applied in TLP for senior high school using zoom and google classroom as a medium, It also explored their beliefs about merits and demerits and investigated their practical knowledge do the teachers use, for*

*meaningfulness of classes conducted via zoom on TLP in Covid -19 pandemic era as opposed to face to face classes. Qualitative data were collated and analyzed using descriptive statistics to. The conclusion were that zoom and google classroom classes were satisfying and convenient for teachers and others perceived them a little resistance, and for the students 66,7 % like daring and 33,3 % didn't like daring.*

**Keywords:** *Perspective , Zoom, Google classroom, Covid -19 pandemic era*

## INTRODUCTION

Exploration of task preparation for teaching learning process on online for educational time by the time remains high agenda for seeking new ways and means to improve the teaching learning process (TLP) .This is the challenges for the teacher to be presented in the implementation of teacher education programme that is suitable for the learners in the teaching learning process, for purpose as solution to the challenges in Education System in the era digital. Teachers prepare role of implementation step by step to learn and practice the necessary knowledge skills and attitudes to become teachers in the education system so they are able to channel information to other teachers especially for digital online that is common in internationally and now also common in locally .This research based on the covid-19 pandemic Era, In the world especially In Indonesia that all activities have done from home ( WFH) , all teacher/s must be proactive individually to expand their skill and join mentoring , training and briefing technical also seminar / workshop online to expand their ability in a pedagogical social, attitude and professionalism.

Covid-19 is a respiratory system disease caused by the corona virus, a common virus that can affect the upper respiratory tract ( sinuses, nose, and throat ) or lower respiratory tract (windpipe and lungs).It happened in the early 2020, found by World Health Organization (WHO) has identified a new type of corona virus 2 (SARS-Cov-2 ).It happened firstly outbreak in Wuhan China on December 2019 so it named by Corona Virus 19 / Covid 19.

The corona virus spreads from one person to another person . Transmission of this virus occurs through droplets or mucus of an infected person when coughing or sneezing. The spread of the corona virus contained in droplets or also be occurred when people touch the objects or surface affected by the splash that the virus is on , then touching in the mouth, nose, or possibly eyes. Prevention of it can be done by wearing a mask, maintaining cleanliness of hand with soap or hand sanitizer and keeping social distancing .

The incidence of covid-19 has had a big impact on the world of education around the world, including in Indonesia . Based on Kemendikbud letter nomor 3 2020 stated the preventive of virus corona disease 2019 the government announced that teaching learning process will be held from home. All activities are handled from home (WFH ) consequently Distance Teaching Learning Program is held by all school. By Implimentation of it, it have made many applications and platforms to facilitate the Teaching learning process interaction ). For Example using Online Media such as for web-conference, zoom, webex, g-meet etc and many other like google classroom, edmodo whats app, sociology etc. Schooling at home, working from home (WFH) using the system online learning raises various kinds of problems that need to be corrected and corrected. These issues include limited mastery of technology information by teachers and students, a number of students don't access internet network , between developed areas urban and sub urban areas , limited tool / gadget of digital media, limited of teachers competency in literacy digital for TLP . In the era of online Teaching learning Process, teachers should act more as a facilitator to helps students to be more knowledgeable and able to understand the material that have taught . Not only teachers, the online TLP also have big impact on students, the number of assignments that have been given and the delivery of material sometimes is difficult to understand for them .

The absence of social interaction has also psychological impact. The problems that arise make online method learning least resistance and be challenging . Therefore it is necessary to study how learning methods in

TLP for the teacher should convey and be mastered such as face to face. So its convenient, easy and enjoyable for students to master and understand the material. Many terms that must be prepared by the teachers. They still need mentoring, training and briefing technical prepare to be carry out PJJ more effective. In the fact teacher's competence in mastery of PJJ and literacy digital from the start haven't done. It wasn't prepared to face in covid-19 pandemic era. Its recorded by IGI (Media Indonesia, 12 June 2020), a guide for implement the curriculum or adaptive learning material appropriate to the context during pandemic that focus numeracy, literacy and content character education (kompas 17 June 2020). The teacher must be more a facilitator role that helps students to develop and contribute real to society. And the final is technology infrastructure that is very important both of them, for the teachers and students.

The previous research also has been done by Leela Ramsook, Marlene Thomas at the university of Trinidad and Tobago for full time and part time classes via web conferencing with particular reference to Zoom with the title of perspectives of prospective teachers on zoom as a transformative teaching methodology. Where as anything that can be accomplished in the traditional classroom can be done electronically or information / material in teaching learning process (TLP) could be stored via technology but construction of knowledge especially teacher/ lecture cannot be replicated online, means that the presence of teacher or lecturer can't be changed by the highest technology.

Changing teaching strategies to improve academic learning in teaching learning process (TLP) could be challenging in educational system for the purpose solution in covid-19 pandemic era to achieve the goal to carry out its responsibility for delivering world class teaching, learning and pedagogical competencies to students via zoom and google classroom as opposed to face-to-face classes.

### **Research Question**

- What are the advantages and disadvantages (merits and demerits) of teaching learning process (TLP) using zoom and google classroom at

Senior High School in Covid-19 Pandemic Era.

- What are prespective teacher's practical knowledge do the teachers use to conduct improvement in teaching to facilitate online teaching learning process (TLP) at Senior High School In Covid -19 Pandemic Era ?
- Is the teacher still needed in TLP to face to face classes in Covid -19 pandemic era ( by shifting )?

### **Purpose of the Study**

The purpose of the study was examine the online media are applied in the teaching learning process (TLP) for senior high school using zoom and google classroom as a medium, Its explored their beliefs about merits and demerits of the use online media and also describe or investigated their practical knowledge do the teachers use in online for meaningfulness of classes conducted via zoom in teaching learning process ( TLP) in Covid -19 pandemic era as opposed to face to face classes

### **Significance of the Study**

This study fill gaps in the research expects that other researchers and reader can take the significance of zoom in particular to web conferencing. It serves to have result to inform programme as well as concern with teacher education. It provides information that can guide national policies, and contributes for locally and internationally.

### **Hypothesis**

The hyphothesis of the research is online media especially Zoom have advantages and disadvanges ( merits and demerits ) for teaching learning process ( TLP) in Covid -19 pandemic era at senior high school, where as anything can be done electronically, or information / material could be stored via technology but construction of knowledge especially a teacher/ lecture cannot be replicated online, means that the presence of teacher or lecturer can't be changed by the highest technology.

### **Scope and Limitation of the Study**

The researcher wants to limit the problem on teaching English material using Zoom /google classroom and their practical knowledge in teaching learning process at the eleventh grade of Senior High School In Covid -19 Pandemic Era.

Information and communication technologies offer new opportunities for interviewing research participants (Kenny,2005 ), online interviewing methods because they allow for real time interaction involving sound, video and often written text such technologies therefore replicate feature face to face interviews (i.e, ability to transmit and respond to verbal and non verbal cues) while providing unique advantages, challenges and considerations ( Lo Lacono et al, 2016 ) .also the result of this reseach can give significance for the teacher in the way in carrying out of zoom or google classroom on teaching learning process on teaching English material in Covid -19 pandemic era and for The students will help the students to be common with the virtual media in the teaching learning process using zoom as tele converence as like in classroom in in Covid -19 andemic era.and for The other researcher can be used as reference for other researcher to conduct the same research in teaching learning process as tele conference / online media .Changing the media in education suggests changes in environment and social structures in teaching learning process. As like Lo Lacono et al , 2016 stated that zoom is in information and communication technologies offer new opportunities for interviewing research participants (Kenny,2005 ), online interviewing methods because they allow for real time interaction involving sound, video and often written text such technologies therefore replicate feature face to face interviews (i.e, ability to transmit and respond to verbal and non verbal cues) while providing unique advantages, challenges and considerations ( Lo Lacono et al, 2016 )

Wang ( 2013), who report on the success of the mastery of skills via video conferencing technology (Alnemary, Wallace, Symon and Barry 2015) given the pros and cons of online learning, implementation of its use in

teacher preparation may be precarious, but given the global advancements, its inevitable.

The other hands Jansen , M. (2014 ) Google classroom is very easy to use , its design purposefully simplifies the instructional interface and options used for delivering and tracking assignments, communication with the entire course or individuals is also simplified through announcements, email and push notification .

According to Verene, (2013), Online education lacks the rhetorical presentation of a face –to-face lecture. Instead, online education reduces students to clients and consumers of information that is available worldwide and decontextualizes content to information that assumes on size fits all ( p.303). In his argument, Verene ( 2013) stresses the importance of the presence of the teacher in the classroom and perceives teacher absence as a negative factor in any form distance education .He is not passionate about online learning, as he believe the whole process of online learning reduces education in its true form to educational management.

Bransford , Brown, & Cooking ( 2000) emphasize the potential of technology to help learning, but only when used properly . They discuss video use in the classroom and importance of interativity in helping students to learn by being able to re-visit and review the material .With regard to students' preferential mode of learning using technology , De Boer ( 2013) argues that many students choose distance mode face-to-face because of flexibility around work and family commitments.

## **METHOD**

### **Research Design**

Its phenomenological Research is an approach to qualitative research that focuses on the commonality of a lived experience group. The fundamental goal of approach is to arrive at a description of the nature of the particular phenomenon ( Cresswell , 2013 ) the data collected by observation , documents and interview based on the situation or event construct from

experiences with the subject to help remove from him or herself from the process.

### **Participants**

Purposive sampling was used in the study. They comprised of 33 students of XI MIPA 1 of female and male as more females are registered for the programme at 11<sup>st</sup> April - 22<sup>nd</sup> May 2020 for zoom , and 9 classes for google classroom at the twelfth grade for July – September 2020 by virtual teaching learning process and October – early December by face – to –face for shifting and some of female teachers in covid – 19 pandemic era .

### **Data Sources**

In the case the data source were the students' perspective on zoom / online and teacher practical knowledge on teaching learning process. There were some techniques of collecting data by observation, interview , test, questionnaire using google form in covid -19 pandemic era .

### **Technique of Data Collection**

The technique used to solve the problem. To get the valid result , the researcher explained about the data source and data collecting procedure as follows : Data source , in this case data source were taken from the student's achievement on teaching learning process (TLP). These data have taken by employing observation and test or achievement test result. For Data collecting procedure by Observation : the researcher has taken observation on daring teaching learning process using media zoom and google classroom in covid-19 pandemic era at senior high school, test is used in the teaching learning process of exercises step and in the final of the material as UK for each KD using online media by google classroom ( daring ) and Luring in covid-19 pandemic era for 33 students of XI MIPA-1 and 9 classes at XII MIPA and IPS in the multiple choice and essay for each KD. Beside that also quisionare , here the researcher took 30 students . The quisionare contain of 25 question such as the perception using of media zoom and google classroom , which is media online that the students like , the mastering

of the material, the submitting duty on time and the existence of the teacher face to face in the classroom and which is the suitable condition teaching learning in the class or virtual learning learning process when the condition is inevitable in the covid -19 .pandemic era.

### **Data Analysis**

Qualitative data were collated and analyzed using descriptive statistics to formulate summation of the information that I have got it .The first component the researcher analyzing data contains selecting process, focusing and summarizing data from exercises or field note then select , limits and summarizes the data from implementation the material of each KD .using zoom and google classroom.

The second step analyzing data in describing narrative which the research conclusion will be possible done from implementation of the material and assessment that have done from each KD using zoom google classroom and WA group.

### **FINDING AND DISCUSSION**

The revealed for the the students' perception toward online in covid 19 the teaching learning process 100 % by using zoom and google classroom .From this data it can be seen that 66,7 % like daring and 33,3 % didn't like it .From the data stated 23,3 % liked zoom 76,3 % they didn't like zoom , they prefer WA 60 % , 36 % google classroom caused the students more familiar and common using it, the mastering of material using zoom and google classroom 63 % clear and 36,7 % didn't clear caused the limitation time just 40 second and if we want to continue it must join anymore , the exercises submitting on time 80 %, the barrier that faced by students : 33% is difficult to get network ,40 % there is sufficient network for one month , 16,7 % its limited tool /gadget for difficult on their economic and 10,3 % lazy and boring . And the last is 100 % of them still like teaching in the classroom face- to- face. The absence of social interaction has also psychological impact According to them the higher of technology, in spite of the attendance

of the teacher could not be changed caused firstly by the teacher the material will explain clearly, the teaching learning process will be enjoyable, relax and fresh .Thirdly the students are able to ask the difficult material directly, the fourth by the teacher will make the students have high discipline and motivation to learn maximally and to get the higher achievement than they stay at home .Next by the online media the students could not ask freely when they got difficult problem . anything is explained directly, is clearer to get the information. And in the last online media could make the students felt boring because they could not do anything and it doesn't collaborate with their friend. Hopefully the covid 19 shall too be pass –so the students could go to school anymore. ( grafik tidak dicantumkan )

#### The Advantages (merits ) Of Zoom For The Teachers

- Convenient
- Cheap and assesible
- Flexible for a personalized learning journey
- Comfortable learning environment
- Availability of recordings
- Independent learning practical

#### Disadvantages ( demerits )

- There was limited monitoring of student particularly
- Limited time (40 m )
- Procrastination
- Absence of informal cues (body language, facial expression, affective /human aspect )
- Misunderstanding are not ready clarified
- Lack of social skills and difficulty with peer and group activity
- Unstable internet connection

The data revealed that zoom allows for teaching learning process and be accessible from different localities which are comfortable and convenient for the teachers. There are also merits and demerits to the use of online conferencing, one of the most requirements for affective zoom session is a

stable and reliable internet connection. A lot of participants indicated that they experienced unstable internet connectivity which led to their frustration. This influenced a preference for face to face classes. In addition teachers need technological skills and competencies to navigate the multiple features of zoom efficiently. There were deficiencies as many features such as creating and managing break out room that could optimize learning, participants complained that they had not received maximum benefits and experiences of the virtual meetings so it has impacted on their preference for face to face classes and changed to use WA, Google Classroom at senior high School. It also must be facilitated by reliable high speed internet, as well as high degree of proficiency not only instructors but also by the competence teachers of digital education system.

Zoom has many features, professional training is required to develop the skills and competencies therefore Teachers still need mentoring, training and briefing technical prepare to be carry out PJJ more effective caused teacher competence in mastery of PJJ and literacy digital from the start, workshop and tutorial need to support for developing capacity which is necessary for effectiveness, efficiency and optimization of learning. using zoom makes online teaching and learning interactive and collaborative for the younger generation who are comfortable for teaching learning process inspite of less convenient at senior high school.

## **CONCLUSION**

Face to face classes combined with zoom classes or blended learning is more enjoyable and favourable for teaching learning process based on the situational condition in covid -19 pandemic era at senior high school. However the learning environment created through zoom must be facilitated by reliable high speed internet as well as the competence teacher for digital educational system.

## REFERENCES

- Creswell , JW .(2013). *Qualitative inquiry & research design : choosing among the five approaches* . Thousand Oaks , CA : SAGE Publications, Inc.(pp.77-83)
- Anonim. 2020. *Economic Impact of Covid-19 Outbreak on ASEAN. ASEAN Policy Brief.*
- Burgess, S., and Sievertsen, H. H. 2020. *School, Skill, and Learning: The Impact of Covid-19 on Education.* <https://voxeu.org/article/impact-covid-19-education>. Diakses pada tanggal 23 April 2020.
- Engle, J. 2020. *How Is the Coronavirus Outbreak Affecting Your Life.* <https://www.nytimes.com/2020/03/20/learning/how-is-the-coronavirus-outbreak-affecting-your-life.html>. Diakses pada tanggal 23 April 2020.
- He, F., Deng, Y. and Li, W. 2020. *Corona virus Disease 2019: What We Know.*<https://www.ncbi.nlm.nih.gov/pubmed/32170865>. Diakses pada tanggal 23 April 2020.
- Kong, H. H., Li, Y., Peng, M. W., Kong, D. G., Yang, X. B., Wang, L., and Liu, M. Q. 2020. *Sars-Cov-2 Detection in Patients With Influenza-Like Illness.* *Nature Microbiology.* vol 5: 675-678.  
<https://www.jesoccom>2016> . Diakses pada tanggal 11 Juni 2020  
<https://journals.sagepub.com/doi/full/10.1177/1609406919874596> di akses pada tanggal 11 juni 2020.
- Verene, D. P. (2013), ‘Does online education rest on a mistake?’ *Academic Quest* 26, 296–307. <https://doi.org/10.1007/s12129-013-9367-2>
- Wang, V. C. X. (2013). *Traditional Teaching or Innovative Teaching via Technology? Learning and Performance Quarterly*, 2(1), 1-13.