



Utilization of Internet-Based School TV Media as an Educational Media and Means of Documenting Student's Artwork at SMP Frater Padang

Pemanfaatan Media TV Sekolah Berbasis Internet Sebagai Media Edukatif dan Sarana Dokumentasi Karya Seni Peserta Didik di SMP Frater Padang

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Abstrack

This article discusses the use of internet-based school TV media as a means of educational media and a means of documentation of students' artworks at Brother Padang Junior High School. The research method uses qualitative research with a descriptive analysis approach. Data collection techniques used in this study used observation techniques, documentation studies and interviews. This research found that Frater Junior High School Padang developed school TV by utilizing the internet with the Youtube platform. Students of Frater Junior High School Padang are given media to utilize technology in operating and producing audio-visual media. Apart from being an educational tool, Frater TV is also utilized in documenting the artwork of students in the form of various performing arts, such as vocal, choir, dance and theater. From this utilization, students have direct experience in using technological media as well as documentation of cultural works of art.

Keyword: *Educational media; School TV; Artwork Documentation*

Abstrak

Artikel ini membahas mengenai pemanfaatan media TV sekolah berbasis internet sebagai sarana media edukatif dan sarana dokumentasi karya seni peserta didik di SMP Frater Padang. Metode penelitian menggunakan penelitian kualitatif dengan pendekatan deskriptif analisis. Teknik pengumpulan data yang digunakan dalam penelitian ini menggunakan teknik observasi, studi dokumentasi dan wawancara. Penelitian ini



menemukan bahwa SMP Frater Padang mengembangkan TV sekolah dengan memanfaatkan internet dengan platform *Youtube*. Peserta didik SMP Frater Padang diberikan media untuk memanfaatkan teknologi dalam mengoperasikan dan memproduksi media audio visual. Selain sebagai sarana edukatif, Frater TV juga dimanfaatkan dalam mendokumentasikan karya seni peserta didik berupa berbagai seni pertunjukan, seperti vocal, paduan suara, tari dan teater. Dari pemanfaatan ini, peserta didik memiliki pengalaman langsung dalam menggunakan media teknologi sekaligus sebagai dokumentasi karya seni budaya

Keyword: *Media edukatif; TV Sekolah; Dokumentasi Karya Seni*

Introduction

After the covid-19 pandemic that hit the world, there were positive and negative changes in the lives of the world community. One of the sectors affected is the education sector as written in an article by Sahlberg (2020, p. 395) entitled "Will the Pandemic Change Schools?". The conventional learning process where there are activities of students and teachers in the same place involving various forms of activities directly certainly cannot be done anymore.

The utilization of technology in learning in this era is quite massive (Breines & Gallagher, 2023, p. 517). It is proven that many innovative media have been developed by teachers. Learning media these days does not only use physical props. Starting from sophisticated media such as interactive screens, virtual reality to simple digital media that can be accessed easily and cheaply.

Based on data from the Center for Data and Information Technology (Pusdatin) of the Ministry of Education, Culture, Research and Technology of the Republic of Indonesia, it is revealed that there is a new paradigm education ecosystem after the co-19 pandemic (Astuti & Sudarman, 2020). Among the diversity of Indonesia, regional conditions, differences in infrastructure, a supporting transformation system is needed. With the utilization of a new educational ecosystem involving technology, learning can be easily accessed by teachers and students.

Aljaser (2019, p. 184) in his article revealed that, schools have an important role as a place for self-actualization for learners. Learners through schools should be given space to gain basic experiences with which they can develop themselves at the next level. Thus, it is important for schools to prepare programs and supporting infrastructure. Prepare educational media in learning. Through schools, apart from being a place for self-actualization, schools also act as a place to socialize, get to know the environment and culture for students. Thus, schools aim to prepare students as the next generation who are responsible for maintaining their values and culture.

In order to preserve culture, good documentation is needed (Dienaputra et al., 2022, p. 251). This documentation can be done digitally by utilizing the internet. For example, the Facebook platform can be used to store moments in the form of photos and videos that are recorded with a definite date. Uniquely, these moments are sometimes recalled in the future. Likewise YouTube, this platform can save moments in the form of videos that we can access anytime and anywhere afterwards.

SMP Frater Padang is one of the educational institutions under the Prayoga Padang Foundation. This private school, which is located at Jalan Khairil Anwar Number 10A Padang City, is one of the schools that has tried to develop learning media in the form of school TV. In the midst of competition for the use of digital media by other schools, currently Frater Padang Junior High School is still active and continues to provide technological and artistic literacy to its students. Besides forming cognitive and affective aspects (Supena et al., 2021). Some of the school's content and TV broadcasts have been produced and can be accessed via the internet.

For this reason, this article tries to observe the role of digital media, in this case school TV, in accommodating learning using technology as well as media documentation of artwork for students.

Method

This article uses a qualitative research method involving a descriptive analysis approach (Gerring, 2017). Through the descriptive analysis approach, this research analyzes the development of school TV developed by SMP Frater Padang as well as describes the utilization of this TV as an educational medium as well as a means of documenting the artwork displayed by students at school. The research informants involved the head of the foundation to the school, Informatics teachers and representatives of students who were assigned as the person in charge of the activity.

To collect data, data collection techniques were carried out by making direct observations, examining documentation and conducting interviews (Moleong, 2010). This research also uses snowball sampling techniques and triangulation techniques to ensure data validity. The data analysis technique used in this research is a qualitative data analysis technique proposed by Miles & Huberman (1994). Data analysis went through the stages of collection, data reduction, presentation and verification of data related to the utilization of school TV media in its utilization as educational media and art documentation.

Results and Discussion

Development of Internet-Based School TV at SMP Frater Padang

The internet is not only used as a means of connectivity between devices or data, furthermore the internet can be a source of data that can solve complex problems (Rizky et al., 2020). The term internet, interconnected network refers to a computer network device that is globally interconnected. Based on its history, the internet was originally developed as a defense system for the United States (Singh, 2023, p. 195). Gradually developed and released to the public, it continues to develop as what is felt today.

The utilization of the internet in the field of education today is not new. In fact, only certain schools can have access and are well developed to support learning activities. Generally, learning in schools is still based on blackboards, or printed media. Even if there is digital media, it is only limited to equipment that is not owned equally. Different things happened during learning during the Covid-19 pandemic, where the education system in Indonesia at that time did not require digitalization in the implementation of learning (Susi

& Yasir, 2021, p. 263). Of course, there were some adjustments in various aspects of education.

Based on an interview with the Head of SMP Frater Padang, Yoseph Paskalis, S.Pd., this internet-based school TV was originally developed in the face of emergency learning during the covid-19 pandemic in 2020 (Ali & Putra, 2021). The covid-19 pandemic has significantly changed people's living conditions (Ratten, 2023). Since the spread of this virus is transmitted through direct contact, learning must also be done remotely.

The government requires schools to cancel activities and conduct distance learning. Although learning is done indirectly, students still have the right to get learning materials. Teachers began to reorganize lesson planning, choosing appropriate strategies, including trying to develop media as a means of transferring knowledge.

In developing digital learning media such as videos, teachers at Frater Padang Junior High School seem to have difficulties. Starting from not all subject teachers at school mastering digital media production, not really understanding video editing, audio or the use of educational games on the internet, limited production space to limited supporting equipment.



Figure 1. Frater TV Logo

After the implementation of limited learning in the school, some teachers who were more capable in developing teaching media through digital platforms proposed to the Principal. After several discussions and suggestions from the teachers' council, the Principal of Frater Padang Junior High School appointed several teachers to a group tasked with preparing an initial proposal for the development of school TV.

The group of teachers assigned analyzed the needs that must be prepared, compiled a budget for equipment that the school did not have and looked for school equipment that could still be used. Although titled TV, the TV developed is not analog broadcast TV using a transmitting antenna (Shin & Oh, 2019, p. 227). Frater TV utilizes the internet through the Youtube platform, a website that provides video services and OBS (Open Broadcaster Software) which provides broadcasting services. This is done to reduce production costs. The school's next step is to prepare a room that can be used in production permanently. Computer equipment, cameras, lighting, audio equipment and improved internet access are prepared to support the production of learning content.

School TV Frater as a Learning Tool for Learners

Post-pandemic, educational technology continues to be used as a learning tool (Sari et al., 2022, p. 63). With the end of the pandemic, it does not mean that the utilization of technology is also stopped. Instead, the utilization should continue to be developed by continuously developing innovations in learning.

To fulfill students' learning opportunities, extracurricular activities need to be formed (Yulianto, 2021). Frater TV extracurricular is currently developed as one of the extracurricular activities at Frater Junior High School Padang. Students who are interested

and have passed the selection are fostered to have TV poetry competence. Students are equipped with knowledge of what television media is, what its benefits are, how simple the system is and how to produce content. Starting from planning, shooting, editing, publishing, including broadcasting activities live.



Figure 2. Atmosphere of Frater TV Production Display

Learners are divided into small groups, such as camera, control, audio, lighting. Designated learners are responsible for their respective tasks. In accordance with the direction of the studio director. In its implementation, this extracurricular learning activity is also directed collaboratively (Qureshi et al., 2023). Collaborating with extracurricular Public Speaking in order to produce quality content that is truly mature. The presenters and hosts are taken from students who have been equipped with public speaking knowledge.

Teachers are also invited to work together, such as to prepare learning materials that will be produced as learning content. If there is a teacher who wants to shoot, then the teacher will be accompanied by a responsible team. This is in accordance with the purpose of establishing school TV which wants to help teachers who have difficulties in producing digital learning media. Collaboration between educators is visible in this activity.

Forms of activities that can be carried out by Frater TV are podcasts or interactive dialogs. Presenting guests who are interviewed. One of the guests who has shot on Frater TV is Drs. Arfian, an official to the Padang City Education Office. In addition to dialog activities, the TV studio room, which is equipped with internet and audio access, allows music recording. Students who have musical talents can perform their musical talents in the TV studio. This usually involves the Cultural Arts teacher.

Utilization of Frater TV as a Publication Tool for Educational Activities

Frater TV utilizes the Youtube platform as its media channel. Utilizing video and live streaming services (Kaidbey et al., 2023, p. 115). Many art performances are uploaded and broadcast live with a channel called SMP FRATER PADANG. Every year SMP Frater Padang organizes Frater Talent Week, an event with the title of student talent competitions. This includes competitions that are related to art. There are solo song, dance, drama or other art performances.

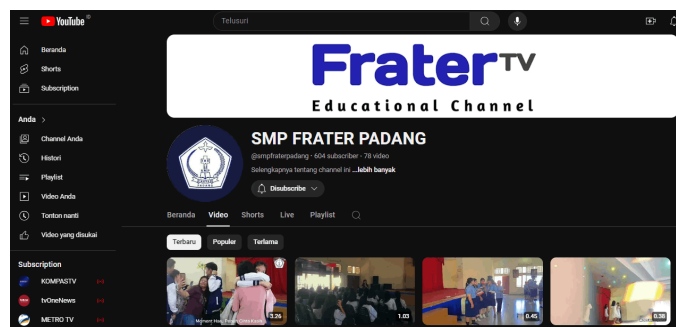


Figure 3. Frater TV YouTube interface display

As one of the learning media, Frater TV is intended for students to get direct experience, not just theory in the classroom. As stated by Zhang (2022), the influence of experience will have an impact on learning outcomes and goals by learners. Hands-on activities in Frater TV will increase the knowledge of learners who are interested in producing a digital product in the form of school TV.

Frater TV as a Means of Documenting Students' Cultural Arts

A work will be able to not be lost or can be enjoyed again, it needs documentation (Dienaputra et al., 2022). With the existence of technological media in helping documentation, it is considered to be the right solution. Works of art that have been created will be easy to access and appreciate again.

As one of the institutions tasked with implementing education through art, SMP Frater Padang always mobilizes children on various occasions to hone their artistic interests and talents (Purwaji & Rahmawati, 2022). Performing arts activities are carried out twice a month, or every year during Frater Talent Week. This provides an opportunity for students to design a performance by displaying a variety of artworks such as solo song, choir, dance, traditional dance and even simple theater.

Frater TV, together with the students, takes part in live broadcasting artistic activities such as Frater Talent Week or other performing arts activities at Frater Junior High School. Activities are covered live and streamed via the Youtube platform. Youtube is a website that provides video services on the internet (Shoufan & Mohamed, 2022). Uploading videos of students' artwork or live streaming allows works and performances to be openly accessible. So that parents and the community at home can participate in watching the artwork at Frater Padang Junior High School. This can be considered as digital documentation of artwork.

In addition, with the documentation of artworks, this documentation can be used as a means of appreciation for students who are actively learning at this time, as well as for the next generation of students. With the appreciation of artwork documentation, new forms of artistic creativity emerge. Learners at lower levels can find the strengths and weaknesses of an art performance.



Figure 4. Several dance and solo song activities were documented by Frater TV

Based on the results of interviews with the Prayoga Padang Foundation, which oversees Frater Padang Junior High School, the foundation claimed to appreciate the media that the school has developed. The foundation admitted that the breakthrough made was a very extraordinary breakthrough. Moreover, it was done by a junior high school. However, the foundation believes that the principal and teachers of SMP Frater Padang will continue to move forward to develop this digital-based learning media that has been built. The foundation also claimed to have discovered artistic talents from the broadcasts and content carried out by Frater TV.

With what has been developed by Frater Junior High School Padang, it is an example of a big first step in utilizing technology in learning and utilizing it in documenting the artwork of students. It is hoped that Frater Junior High School through Frater TV will continue to develop hardware, software, student and teacher resources in providing concrete learning media for its students.

Conclusion

The development of information technology in education through media innovation is an unavoidable demand. It requires simultaneous efforts from various parties, starting from policy holders, teachers, parents and the community to continue to strive to produce effective and innovative learning media. With the existence of learning media innovations, especially those in contact with technology and art, it is hoped that students will have experiences that can be used.

References

- Ali, T. J., & Putra, I. E. D. (2021). Pembelajaran Seni Budaya (Musik) Pada Masa Pandemi Covid-19 Di Kelas VIII-1 SMP Negeri 7 Padang. *Jurnal Sendratasik*, 10(4), 129. <https://doi.org/10.24036/js.v10i4.112707>
- Aljaser, A. (2019). Examining the Implications of Differentiated Instruction for High School Students' Self-Actualization. *International Journal of Education and Practice*, 7(3), 184–199. <https://doi.org/10.18488/journal.61.2019.73.184.199>
- Astuti, E., & Sudarman, Y. (2020). Penerapan Metode Pemberian Tugas Non-Tatap Muka oleh Guru di Masa Pandemi Covid-19 pada Pelajaran Seni Budaya di SMP Negeri 3 Padang. *Jurnal Sendratasik*, 10(1), 178. <https://doi.org/10.24036/jsu.v9i2.110522>

- Breines, M. R., & Gallagher, M. (2023). A Return to Teacherbot: Rethinking the Development of Educational Technology at the University of Edinburgh. *Teaching in Higher Education, 28*(3), 517–531. <https://doi.org/10.1080/13562517.2020.1825373>
- Dienaputra, R. D., Yunaidi, A., & Yuliawati, S. (2022). Inventarisasi dan Dokumentasi Objek Pemajuan Kebudayaan di Desa Gegecik Lor Kecamatan Gegecik Kabupaten Cirebon. *Kumawula: Jurnal Pengabdian Kepada Masyarakat, 5*(2), 251. <https://doi.org/10.24198/kumawula.v5i2.36850>
- Gerring, J. (2017). Qualitative Methods. *Annual Review of Political Science, 20*(1), 15–36. <https://doi.org/10.1146/annurev-polisci-092415-024158>
- Kaidbey, M., Zhen, S., Wong, S., Navchaa, S., & Junjian, G. (2023). The Effectiveness of Delivering Comprehensive Sexuality Education Through Live Streaming to Schools in Western China. *American Journal of Sexuality Education, 18*(1), 115–148. <https://doi.org/10.1080/15546128.2022.2064952>
- Miles, M., & Huberman, A. (1994). Miles and Huberman Chapter 2. In *Qualitative Data Analysis* (pp. 50–72).
- Moleong, L. J. (2010). *Metodologi Penelitian Kualitatif*. Remaja Rosdakarya.
- Purwaji, Q., & Rahmawati, F. P. (2022). Inovasi Guru Kelas dalam Mengembangkan Bakat dan Minat Peserta Didik Sekolah Dasar pada Mata Pelajaran Seni Budaya dan Prakarya. *Jurnal Basicedu, 6*(4), 6337–6344. <https://doi.org/10.31004/basicedu.v6i4.3240>
- Qureshi, M. A., Khaskheli, A., Qureshi, J. A., Raza, S. A., & Yousufi, S. Q. (2023). Factors Affecting Students' Learning Performance Through Collaborative Learning and Engagement. *Interactive Learning Environments, 31*(4), 2371–2391. <https://doi.org/10.1080/10494820.2021.1884886>
- Ratten, V. (2023). The Post COVID-19 Pandemic Era: Changes in Teaching and Learning Methods for Management Educators. *The International Journal of Management Education, 21*(2), 100777. <https://doi.org/10.1016/j.ijme.2023.100777>
- Rizky, R., Hakim, Z., Yunita, A. M., & Wardah, N. N. (2020). Implementasi Teknologi IoT (Internet of Think) pada Rumah Pintar Berbasis Mikrokontroler ESP 8266. *Jurnal Teknologi Informasi, 4*(2), 278–281. <https://doi.org/10.36294/jurti.v4i2.1452>
- Sahlberg, P. (2020). Will the Pandemic Change Schools? *Journal of Professional Capital and Community, 5*(3/4), 359–365. <https://doi.org/10.1108/JPC-05-2020-0026>
- Sari, V. N., Feri, F. H., Prahasti, P., Sartika, D., Zulfiandri, R., & Ramadani, T. (2022). Pemanfaatan Teknologi Informasi dalam Proses Belajar Mengajar Pasca Pandemi. *Jurnal Dehasen Untuk Negeri, 1*(2), 63–66. <https://doi.org/10.37676/jdun.v1i2.2570>
- Shin, H., & Oh, H. (2019). UHF-Band TV Transmitter for TV White Space Video Streaming Applications. *Journal of Electromagnetic Engineering and Science, 19*(4), 227–233. <https://doi.org/10.26866/jees.2019.19.4.227>
- Shoufan, A., & Mohamed, F. (2022). YouTube and Education: A Scoping Review. *IEEE Access, 10*, 125576–125599. <https://doi.org/10.1109/ACCESS.2022.3225419>
- Singh, D. (2023). Internet of Things. In *Factories of the Future* (pp. 195–227). Wiley. <https://doi.org/10.1002/9781119865216.ch9>

- Supena, I., Darmuki, A., & Hariyadi, A. (2021). The Influence of 4C (Constructive, Critical, Creativity, Collaborative) Learning Model on Students' Learning Outcomes. *International Journal of Instruction*, 14(3), 873–892. <https://doi.org/10.29333/iji.2021.14351a>
- Susi, S., & Yasir, M. (2021). Transformasi Media Pembelajaran Di Masa Pandemi Covid-19. *Literasi: Jurnal Pengabdian Masyarakat Dan Inovasi*, 1(2), 263–272. <https://doi.org/10.58466/literasi.v1i2.91>
- Yulianto, Y. (2021). Pembelajaran Blended Learning Berbasis Whatsapp dalam Pelaksanaan Ekstrakurikuler Keagamaan Pada Masa Pandemi Covid-19. *Jurnal Didaktika Pendidikan Dasar*, 5(3), 887–906. <https://doi.org/10.26811/didaktika.v5i3.356>
- Zhang, J., Sun, G., Xu, L., Khan, I., Lv, W., & Philbin, S. P. (2022). The Moderating Effect of Learning Experience on Learning Motivation and Learning Outcomes of International Students. *Frontiers in Psychology*, 13. <https://doi.org/10.3389/fpsyg.2022.913982>