



Problems and Solutions: Utilization of Digital Media in Physical Education Subjects

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Abstract

This study aims to describe the problems of teachers (physical education) in using digital media, solutions, and factors causing the emergence of problems for physical education teachers in the use of digital media. This research uses a qualitative approach with its type, namely exploratory descriptive. Data collection techniques in this study were carried out by observation and interviews. The subject of this study consists of 4 teachers, namely class X to XI teachers. Data analysis in this study used reduction, presentation, verification, and interpretation of findings. Based on data analysis, it can be concluded that there are problems for physical education teachers in the use of digital media in the era of the Merdeka curriculum such as limited access to wifi networks in terms of policies related to the use of digital media in schools, The solution that is usually done by physical education teachers is group learning with peers, collaborating with learning communities or with technology experts, while the factors causing the problem of lack of knowledge and understanding of physical education teachers are related to the use of digital media, abnormal electricity, personal devices that do not support, errors in an application, limiting certain links, unstable network connectivity.

Keywords: Problems, Physical Education Teachers, Digital Media, Curriculum Independent.

INTRODUCTION

Education is factor most important in support source power quality human beings who produce useful creative ideas in progress a nation and capable compete with other countries that is policy proper education will increase quality an education with curriculum that becomes base heart education (Budiman, 2023). Curriculum is a set plan related learning with objectives, content, teaching materials and methods used and used as guidelines in organization activity learning, in Indonesia the implementation curriculum has experience various changes and improvements that is now present with A curriculum independence which is design learning that focuses on freedom and thought creative (Silvy Juditya (2023). Therefore technology and information become develop the rapid design for facilitate learning (*facilitating learning*) and for monitor cognitive student (Budiman, 2021). In (Ridwan et al., 2021) this digital era Study No must fixated on the method conventional only, but Can done with utilizing digital media as source

learning , including learning media For lesson education physical , sports and recreation (Dra. Sri Wahyuningsih, n.d.). Using digital media can help student in remember the material that will be delivered and can improve the learning process for teachers and students (Latifah & Ramadan, 2023). Media is a teacher synergy in useful learning For make it easier for teachers to convey a material , will but in learning education physical Still Lots students who feel lazy, bored , fed up or not enough enthusiastic Because lack of teacher creativity in utilise facilities and infrastructure that have been provided (David Kusuma Jaya et al., n.d.). During this is a learning process education physical Still focused on utilization tools sports , while if look at the intervention learning in curriculum independent use digitalization teacher education school physical must get used to collaborate between digital media and modified media in support implementation PJOK (Rahma et al., 2023)learning .

In education physical Alone own characteristics that develop skills motor with activity physique in the form of game For reach objective education . Education that uses activity physical For produce improvement in a way comprehensive physical , mental and emotional participant educate (Daryono, n.d.). Physical education treat every participant educate as One a complete unity which means each other affect and not can be separated (Mustafa & Dwiyoogo, 2020). That Physical Education is an educational process that prioritizes activity planned physical in a way systematic and purposeful For increase individual organically , neuromuscularly , perceptually , cognitively , and emotionally (Listyarini & Ali, 2022). Whereas according to (Muchlisin Riadi, n.d.) conclude that education physical that is a process for understand and develop concepts , objectives , functions , and methods . Physical education be one of eye lesson most important in formal or non-formal education , because help participant educate Can develop potential , mental , emotional , social and moral through activity fun and useful movement for health body participant educate (Rilastiyo Budi & Deri Listiandi, n.d.). Physical education with digital media becoming unity most important but own problem in its utilization requires teachers to Keep going innovate in its effectiveness in learning (Kusumawati et al., 2022). Utilization of digital media in Physical Education Learning moment This is not become matter Strange or taboo for moment this , where in the traditional era learning education physical only fixated on use tools or media such as balls, rackets , nets, bats baseball and others where tool the used For strengthen as well as develop ability student movement will but with shifting era of education physical sued For start collaborate media use between digital media and learning media like tools sport with hope can increase quality learning education physical , such as Lots study previously revealed related use of digital learning media in PJOK based learning application (Gunawan Pratama et al., n.d.);(Aulia Lita Pradina et al., 2023) web (Hambali et al., 2022)based ; (Ricky et al., 2021); e-module based or e-book (Dian Pujianto et al., 2023); (Atin Uswatun & Kurniati, 2024). From the

many research related use of digital media inside learning education physical moment This However Not yet Lots disclose related the problems that occur in the field related use of digital media inside PJOK learning especially in the curriculum era independence . Then from That researchers feel that study This need done remember that in the curriculum program independent this is one of them that is related to the digitalization program the school where this program is push every unit Education utilizes various digital media both That used by students or teacher.

Based on background behind problem said , then objective from study This is For know How description from side problems , solutions , and reason emergence problems from utilization of digital media in the eyes PJOK teacher lessons during implementation curriculum independent.

METHOD

Study This use method qualitative researcher to study related to the findings data that is according to (Rijal Fadli, 2021)research process For understand phenomena social with create comprehensive and complex picture that can be served with words, report view detailed information obtained from source informants, and done in natural setting background. Data from study This is results observation and interview of PJOK teachers in one of the School State Senior High School 1 Padalarang West Bandung Regency with involving 4 PJOK teachers to become source person in study This For expand knowledge researcher. Data analysis techniques that researchers use use is technique analysis descriptive exploratory. Based on statement (Riyando A Siregar, n.d.) researcher will reduce data, after That do data presentation , and interesting conclusion / verification with (Tringulation, Member check, Expert option, Interpretation findings). Stage study This started from researcher collect data with do observation and interview with select the appropriate data with research , researcher Then do withdrawal conclusion from study.

RESULTS AND DISCUSSION

Results

Table 1 Results Interview Together Teacher Physical Education

Indicator Question	Response Informant
Availability Access Internet from Username and Password side	Availability internet access at school This is very adequate , where school has provide wifi with every Students and teachers are given passwords even school has make a number of account to make it easier user in access . Accounts that have been provided here there is teacher account , account students and school operator accounts .
Policy School related Use of Digital Media from side use by students	Policies provided by the school to all over inhabitant school has given a lot convenience for internet users at school , such as every user given

	each account for Can access wifi However behind freedom road access or use wifi by all inhabitant school party school do restrictions as well as supervision from side content that is accessed . Even school do socialization as well as education to inhabitant school about digital literacy , with the hopes of the citizens school capable utilize the internet and gadget with wise .
Competence Teacher in Era Digital from side Competence and Readiness	From the side teacher competence in the use of digital media is still considered diverse Good in a way competence and also readiness from the teachers in utilise various digital media. From the inequality in a way competence and readiness this is it Finally impact on not yet optimal use various digital media, both digital media that can support learning and digital media that supports performance of teachers, especially PJOK.
Policy School related Use of Digital Media from side Use of Digital Media by Teachers and Students	The use of digital media is related with gadget or laptop at school , students given freedom use type or laptop brand or gadget in accordance with ability from the parents in facilitate it . School No specialize use gadget or laptop on one of the brands or specs , will but school more give input related Specs what can used by students in support learning . Likewise to the teachers, teachers are given freedom For use gadget or smartphone whatever in accordance with his most important ability Can support work father / mother physical education teacher.
The solution provided by the PJOK teacher in overcome Problematics	See the problems that exist in our school , are actually the ones that become problems that is related readiness and competence of teachers in utilise various digital media that can be integrated into the PJOK learning . See that , then Usually we as PJOK teachers often follow related trainings with use technology in learning besides that's us more often do discussions in group learning that exists in our school.
Reason emergence problem from side constraint technical	Lack of devices supports , connectivity that is not stable , like dead lights and their presence knowledge Teacher Which not enough .

Discussion

From the results the interview above researcher will to describe results study from a number of informant along with FR, ER, HS and DR there are a number of the problems that occur in utilization of digital media in particular in eye Physical Education lessons are First related availability internet access from side use of user name and password while according to (rahmatiah, n.d.) conclude that in the digital era or globalization This level media diversity is increasing diverse so that speed information that can made into as source Study students too the more diverse and complete with hope can support the learning process , will but matter the No will come true when there is problem from side limitations internet access such as WIFI connection and constraints from side use of username and password. Problematics or limitations limited internet connection own a number of impact significant to learning especially in the aspect accessibility , motivation , interaction , evaluation , and equality education good at level base until

college high , especially in context learning based on technology and online (online) so need existence improvement internet infrastructure and policy supportive education technology become important For reduce impact and improve effectiveness learning online (Li et al., 2023; Terry Anderson, n.d.; van Deursen & van Dijk, 2019)based . Problema second related policies issued and implemented in schools , in the current digital era This policy school become the basics For optimize use of digital media Good from side improvement human resources capacity and from side provision as well as use various device technology in schools (Al Yasin et al., 2022). Many forms policies that can issued by the party school like policy from side provision infrastructure adequate technology , where school must ensure existence stable internet access and devices technology such as a computer or tablet that can adequate for students and /or teachers where with existence availability device the in a way No direct will impact on increasing digital literacy in schools (Chansa Chanda et al., 2024), other related policies improvement where is the capacity of teacher human resources ? party school facilitate and encourage teachers to follow various training sustainable with the aim is for teachers to be able to increase capacity competence and readiness from side use of digital media (Inan & Lowther, 2010).

Policy school from side use of digital media according to explain that the use of digital media has impact negative that is health easy physical and mental disturbed . Competence from side teacher and student cognitive own problem in the form of lack of knowledge related use of digital media according to (Rahayuningsih & Muhtar, 2022) explain that teachers must Can utilize digital media to be able to compete in this digital era . There is gap social from side device personal according to (Khoironi & Sudrajat, 2023) gap social become issue the most important thing that will impact on intuition education that must be minimized with assistance program family not enough can be expected can to cut off conflict sustainable mentioned . The solution given by the PJOK teacher according to (Yufita et al., 2021) that the solution is Study group , discussion with peers , collaborate with expert technology or with other IT teachers . Causes emergence problem from side constraint technical that is according to (Arijumiati et al., 2021) conclude that in the use of digital media there is constraint that is like abnormal electrical flow , poor connectivity stable , lack of teachers' understanding of digital media, devices less personal support even school can do evaluation as well as develop curriculum school more to supporting curriculum in use integration technology as well as curriculum that aligns digital learning with competence 21st (Ertmer & Ottenbreit-Leftwich, 2010)century and still Lots Again policies that can implemented like from side giving access to online learning platforms , learning differentiate through various digital media as well digital security and privacy (Livingstone & Haddon, 2009).

Problem others that appear from results study This related teacher competence and readiness in utilise various digital media where expressed that Still there is competence and readiness of teachers who have not capable whereas digital competence and readiness in the digitalization era moment This become support main for teachers to be able to facilitate various needs and competencies student as well as in answer need Study students in the era of technology moment This as well as from existence the digital competencies and readiness possessed by teachers will give Lots impact positive for learning and students like among them can help student in develop ability think critical (Viczkco, 2016) and in a way No teachers can directly to plant ethics in use digital media to student (Shaaban, 2021).

CONCLUSSION

Implementation learning using digital- based media at SMAN 1 Padalarang school still own common problems occurs in general like from side policy school, obstacles technical, understanding as well as readiness and competence of related teachers continued use of digital media diverse. With thus study This can become material evaluation as well as insert for party school in particular and in general for West Bandung Regency Education Office in increase quality learning and human resources in the technological era moment this.

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