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The Impact of Digital Technologies on English Literacy Development Among Undergraduate Students

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Abstract. This research explores the extensive have an effect on of virtual generation on the improvement of English literacy in university college students. The effect of digital systems on literacy abilities is becoming an important discipline of studies as they keep to dominate conversation and getting to know environments. It examines how digital technology might enhance literacy via interactive and multimodal getting to know tools, in addition to the problems they pose, such as the growth in casual language use associated diversions. Data become collected from semester four through qualitative method which includes surveys, interviews and observation, to evaluate alterations in reading and writing competencies. The outcomes show that digital tools can decorate reading comprehension with personalized and attractive content material, however they also can promote fragmented reading habits and casual writing patterns. The article explores the consequences of these findings for instructional practices proposing a properly-rounded use of digital generation in literacy practice to maximize their benefits at the same time as minimizing their negative aspects. This has a look at provides to the discussion on generation's role in education, emphasizing the importance of implementing techniques that effectively combine virtual gear into literacy programs.

Key words: digital technologies, English literacy

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Introduction

Digital technology has substantially impacted how college students examine many talents including writing. Students in the modern-day era are regularly exposed to and deeply concerned with a extensive variety of digital gadgets. According to Krees (2017) with the social and semiotic enhance in todays' world, speech and writing are best of many components of conversation. Technologies like smartphone, and notebook provide awesome probabilities for the development of English literacy. Osterman (2012) asserts that digital literacy is one dimension of the broader concept of 'New Literacies', which is difficult to grasp since its meaning differs depending on whom is speaking about it. Some may regard new literacies as social practices congruent with literacy while others see them as practices congruent with literacy itself.

Others perceive new literacies as discourses made possible by new technologies; yet another view recognizes them as strategies needed for reading, comprehension, learning and communicating in online environments. Students can make use of present-day technology to get right of entry to diverse substances and communicate with expert globally. According to Vrana (2016) states that universities are adapting their take a look at programmes to in shape the needs of the labour market. Moreover, those technology provide interactive and fascinating venues for writing, thereby boosting undergraduate students' pressure to write and engage within the learning technique.

Technology is now extensively used in one-of-a-kind regions of our lives, which includes education, in today's virtual technology. A meta-evaluation of twenty studies articles have verified that integrating digital tools and gaining knowledge of environments has a useful impact on reading comprehension in university. Limited examine has been carried out on how era influences metacognitive techniques, emotional results and dispositional outcomes in studying. A observe with the aid of Saaid and Wahab tested how digitally primarily based substances impacts the analyzing conduct of undergraduate college students. The have a look at located that maximum member believed that the upward push of digital substances, together with on line newspaper, e-books, and e-magazines has altered their analyzing behavior and heightened their enthusiasm for studying. According to Churchill and Lim (2007) stated that it has become widely understood that more must be done to ensure educational reforms transform pedagogy practices while also integrating technology in teaching and learning as "a means to promote personalization". Enhancing learning outcomes and cultivating new competencies that support a knowledge-based global economy (such as information literacy, digital fluency, and lifelong learning skills). This emphasizes the advantages of incorporating virtual equipment into literacy training for adults. Nevertheless, it underscores the need for extra research to understand the whole impact of virtual mastering settings on undergraduate college students and to investigate a much broader array of interventions and consequences. According to green at all (2012) stated that language learner needs to seriously interact with numerous varieties of textual content no longer simplest written or spoken on the way to be energetic and transformative retailers in society. Digital technologies have the capability to improve English literacy development in undergraduate students. The second supply emphasize the importance of digital literacy

within the current digital age. It stresses the significance of incorporating virtual generation and educating college students on its powerful application to succeed in the virtual realm (Khan, 2018). Moreover, the utilization of digital generation has validated enhancement in crucial wondering abilities, statistics literacy, and the potential to assess and observe carefully facts. Nevertheless, there may be inadequate look at on how generation have an effect on metacognitive, affective and dispositional outcomes in analyzing. Lane (2012) stated that students exposed to these technologies have different expectations regarding learning and thinking styles than students exposed only through traditional means, setting expectations on academics to modify how they teach students. Hence, it is far imperative for research network to delve deeper into and recognize the complete results of virtual learning settings on the English literacy improvement of undergraduate college students. Research shows that utilizing virtual technologies can undoubtedly impact the improvement of English literacy in undergraduate students. Redmond (2012) further supports this perspective by noting: "Media Literacy Education expands beyond reading and writing print texts to include analysis of all forms of texts" including digital texts. Information and communicate technology innovation is vital for giving undergraduate college students' get right of access to numerous present days analyzing materials and real inputs. The incorporation of virtual technology in English language practice has the potential to steer college students' literacy development in multiple way. Sherine et al did have a observe the impact of Mobile Assisted Language Learning and the deliver your personal device method on enhancing talking skills and pronunciation. After fifteen-week semester of schooling, the have a examine revealed a huge improvement in members' speaking usual overall performance and pronunciation. According to Pangrazio & Sefton-Green (2021) refer to digital literacy as a competency or functionality with a specific topic, discipline or difficulty and includes assimilation of data, evaluation and reintegration. It is also acknowledged that virtual areas and equipment are constantly converting which provides to the complexity of digital literacy.

Furthermore, the usage of cutting-edge tools along cell cellular telephone has been display to certainly have an effect on second language talking capability. Machmud and Abdullah's research determined that enforcing a modern-day-day smartphone training technique assisted college students in decreasing speech tension and obtaining advanced rankings in oral assessments when compared to traditional schooling techniques. Moreover, using digital generation like video recording and feedback has been examined to enhance college students' public speaking abilities. Cheung et al (2021) stated that digital generation lets in for tailored learning experience for human beings. Utilizing numerous gadgets within the check room improves the overall performance of personalized getting to know. Digital technology has made it simpler to use schooling tactics that take advantages of high-quality trends of instructors and students. Technology used this way can provide students with an effective tool for producing digital artefacts that represent their knowledge and ideas, which may then be tied into appropriate forms of assessment - for instance digital portfolio or e-portfolio assessment (Mason & Pegler 2005).

Based on research above show that digital technology has the capability to beautify English literacy development in undergraduate students. Digital technology is being more commonly utilized in second language learning to improve English literacy capabilities in college students. According Maloy et al. (2014) believe that the best way to teach students about digital technology is through the usage of automate teaching (using technology to hold existing practices) or informative getting to know (developing substantive modifications inside the university). The effect of virtual technology at the enhancement of English literacy abilities in undergraduate college students. Vrana (2016) states that Digital literacy is directly related to individuals' employability and is represented by way of a combination of factors that have an effect on their capacity to get a job and to work in the following job position.

Digital technologies in English language getting to know have the ability to enhance students' literacy development, especially in speaking capabilities and pronunciation. Other authors agree that digital literacy training has become a necessity due to the rapid advancement and use of new technologies for communication and representation (Kress 2006). Effects of digital technology at the development of English literacy a subject of research among undergraduate students of how virtual generation can affect the advancement of English literacy competencies. Radovanovic et al. (2015) gives a definition for Digital literacy mentioning that it is upholding the capabilities necessary to achieve, technique, evaluate, and communicate data. With regards to this study, it is able to suggest that for advertising students' digital literacy is about using digital technologies to accumulate relevant data, benefit perception into the information and recognize it in some way, and to then communicate these statistics thru digital systems to other stakeholders. Pinkard (2008) suggested that while digital tools allow consumers to consume modern media, utilizing these same tools to produce meaningful digital media production is even more essential. Pinkard suggested teaching our students to become multimedia storytellers. Based on explanation above the author formulated a research question:

What is the impact of Digital Technologies on English Literacy Among Undergraduate Students?

Method

Blackall (2005) indicates that it is well known that literacy impacts significantly on one's communication and learning potential; yet how exactly and in what ways does digital reading and writing ability make an impactful statement about life. How can we realise its full potential? Accessing and using the Internet; managing digital information, joining communications channels online, and otherwise participating in a communications network online could all be considered elements of 'digital literacy'.

The researcher used method of research called descriptive qualitative and quantitative method. Zuriah, (2006:47) states descriptive research gives description of factual data systematically and accurately, about the examined object. Qualitative research is descriptive –analytical research. It includes interpretations of examined object systematically and accurately (Zuriah, op.cit, 92). Quantitative method is deductive methods which present definitive information and the result concluded by

empirical data. It means that quantitative method focused on indexes and empirical measurement. Quantitative method presents data in the form of frequency level. Percentage of frequency level will explain a conclusion or a concept to investigate a new concept or theory.

Sample of the study

This qualitative study targets to describe the effect of virtual technology integration on English literacy development in undergraduate college students in Universitas Majalengka. The survey protected undergraduate English college students who had been currently examine in Universitas Majalengka positioned in West Java Indonesia. This research challenge will consist of the involvement of twenty-one college students who have been chosen to take a component in the take a look at.

Instruments

In addition to gathering the information, the data aimed to acquire facts through questionnaires to recognize the effect virtual technology on English literacy improvement among undergraduate students. Specifically, the functions turned into to determine the types of generation utilize by means of college students and the way they include them into studying method. Semi structured interviews were conducted to validate the questionnaires effects and deal with any potential gaps. The interviews' result has been transcribed, processed, classified and analyzed.

Result and Discussion

The Role of Digital Technologies on The Development's Literacy Among Undergraduate Students

The research findings suggest that technology integration has converted conventional tactics to teaching and learning in English class. The technical device instructors use in English class is outlined in Table 1, which can be found below. Laptops, and mobile phone have been the two maximum common types of generation devices employed. The Table 2 show a list of application used by undergraduate students in the classes.

Digital technologies play an important role within the improvement of literacy amongst undergraduate college students. These technologies offer undergraduate students with access to a wealth of facts and resources, permitting them to increase their knowledge and understanding of various subjects. Furthermore, digital technology offers interactive and attractive gaining knowledge of reports, which could decorate college students' reading, writing, and vital thinking abilities. With the combination of technology inside the lecture room, college students can have interaction in collaborative on-line discussions, participate in virtual studies projects, and create multimedia displays that show off their learning.

Table.1. Technology Device used by Undergraduate Students

No	Device	Frequency
1	Notebook	8
2	Mobile Phone	13

Table 2. List Application used by the Students

No	Applications	Frequency
1	e-book	10
2	whatsapp	5
3	Social media	4
4	News application	2

Table 3. Learning Competencies in Class

No	Applications	Frequency
1	Active Discussion	10
2	Collaboration	5
3	Critical thinking	4
4	Creativity	2

Moreover, virtual technology offers college students with opportunities to practice and beautify their verbal exchange competencies via systems along with online boards, blogs, and social media. They can interact in discussions with their peers, receive remarks on their written work, and increase their capability to explicit themselves efficiently. In addition, virtual technology also facilitates get admission to a wide range of studying substances in numerous formats, which include e-books, on-line articles, and digital libraries. This exposure to distinctive kinds of texts can help enhance students' literacy talents, together with studying comprehension, vocabulary improvement, and critical analysis. Moreover, digital technology also offers equipment and structures for college kids to expand their writing abilities. They can use word processing software to draft and edit their written paintings, make use of grammar and spell-test equipment for errors correction, and collaborate with classmates on writing

projects through shared documents or online platforms. Furthermore, digital technologies can assist personalized learning reports for undergraduate college students. Through adaptive gaining knowledge of systems and online assets, college students can acquire tailored instruction that objectives their precise wishes and getting to know styles. Teachers can also reveal college students' progress and provide individualized comments using digital systems.

Overall, the combination of digital technology in undergraduate education promotes the improvement of literacy competencies by providing access to information, improve communication and collaboration, offering various studying materials, and supporting personalized gaining knowledge of reports. The use of digital technologies in undergraduate education performs a big position inside the development of literacy abilities among students. It lets in for collaborative getting to know, complements conversation talents, affords get admission to a huge variety of studying materials, helps writing competencies development, and enables personalized learning stories.

Conclusion

Based on explanation of research finding and discussion above, it can be concluded that Digital technology have undeniably transformed diverse aspects of our lives, including training. As the research finding above, there is a need for extra centered classroom studies to broaden practices that aid digital literacy in English literacy development among undergraduate students. With the increasing migration of higher training onto technologically mediated systems and the proliferation of online studying alternatives, it is clean that digital technology has had a massive impact on English literacy improvement among undergraduate students. Digital technology has revolutionized the manner undergraduate students research and engage with English literacy.

Suggestion

Digital technologies have had both significant advantages and notable challenges on English literacy among undergraduate students. Digitized technologies offer access to an abundance of resources, such as libraries, eBooks and online journals that can aid reading and research skills. Interactive learning tools, such as educational apps and multimedia content, provide learning options tailored to different learning styles and can make complex literary concepts more approachable. Additionally, online discussion forums and collaborative writing platforms promote peer-to-peer learning and improve communication skills. However, this benefit comes with potential drawbacks; digital distractions may hamper deep reading comprehension. Low-quality online content and our habit of skimming through texts instead of engaging fully can hinder critical analysis. Too much digital communication can diminish opportunities for personal interaction, undermining oral and formal writing skills. To maximize the advantages of digital technologies, educators must foster balanced integration within curricula, build critical evaluation skills, encourage deep reading practices, and stress

formal writing. By meeting these challenges head-on, educators can equip their students to use digital tools effectively for English literacy enhancement.

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