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Blended Learning for Critical Thinking Skills among Undergraduates

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Abstract

In the current period of information development and globalization, there is an incredible interest for students to be ready to utilize their critical thinking abilities. With current accessible admittance to a tremendous number of information sources, the gainful utilization of innovation makes an advancement of obstructions and open doors for the students. Regular direction underlined a teacher drove, test-driven, and foolish framework generally ruled out fostering undergraduate students' basic thinking capacity. In the present day, instructive frameworks are more students focused, with an accentuation on gathering different educational necessities. The capable use of blended learning systems to upgrade critical thinking capacities will get ready undergraduate students' for 21st century work-power. The researchers' opinion is that blended learning gives valuable open doors to development that empower the advancement of definite, top to bottom reasoning capacities, the utilization of development (in web-based settings), and coordinated effort between private associations (very close settings).

Key words: thinking abilities, blended learning, innovative techniques, reasoning skills, webbased settings etc.,

With current open permission to an enormous number of wellsprings of information, the useful usage of development gives a progression of troubles and entryways for the students. One test would be addressed by being able to see the supportive information from the unessential and having the choice to seem OK out of it. Encouraging the idea of insight in students is one of the critical destinations of 21st century preparing. This genuinely important quality, known as definite and critical thinking, is described as a meta-cognitive cycle that requires purposeful and keen judgment, provoking chipped away at clear final products to

disputes or deals with any consequences regarding expected issues (Dwyer, Hogan, and Stewart, 2014).

In this season of data advancement and globalization, there is a trademark need for undergraduate students to be ready and so they utilize unequivocal reasoning limits proactively.

The legitimization for this present paper is to assess the importance of Critical Thinking Skills for undergraduate students in the 21th century and to analyse the possible increase of blendedlearning that stood apart from online basic conditions to develop such limits. It is the spot of the creators that undergraduate students develop their creative reasoning limits more in a blended learning climate than in a web-based from a certain point of view where the deficit of social connection makes a greater number of difficulties than significant doorways for both, the instructor and the undergraduate students.

Blended Learning

Blended learning is a sort of finding that can be executed utilizing ICT-based media. It mixes concentrate on corridor and online direction. Regardless, in the pandemic time, both facilitated and non-concurrent web approaches can be used. Web learning, eye to eye learning, and self-study are three essential pieces of blended learning. Undergraduate students can learn without regard for genuine space or time impediments. As demonstrated by Dwiyogo (2018a; 2018b), the main goal of blended learning is to help undergraduate students improve their close learning while also using their knowledge to make e-recognition so that the progress can be made both in person and online. Moreover, Yu et al. (2015) and Tsai and Tang (2017) found that executing blended learning favourably affects critical thinking abilities, and is more huge than customary learning that beneficially affects learning accomplishment.

Likewise, Wahyuni et al. (2019) has shown that the blended learning affected undergraduate students' learning results. As indicated by Blau et al. (2020), the objective of instructive innovation improvement is to reinforce mental parts of learning, yet additionally emotional and attitudinal parts. Thus, we ought to make a more complete learning model. Time imperatives and restricted admittance to learning materials have turned into the essential hindrances to students' quality improvement. By consolidating on the web and eye to eye getting the hang of, learning exercises can be more successful and the result will be predominant. Blended learning empowers educators to give undergraduate students a more farreaching growth opportunity. It widens students' encounters, yet in addition gives various

extra advantages, for example, helping the students in accessing learning assets, working on the nature of learning, and bringing down the expense of learning (Blau et al., 2020).

As per certain examinations, executing blended learning expands undergraduate students' employability capacities. Path (2016) found that consolidating conventional and internet learning can assist the students with further developing their work capacities. As indicated by Hart (2019), employability abilities are related to an individual's ability to work in an assortment of circumstances, think fundamentally, and convey viably; therefore, they are persuading and moving to keep considering and working. Employability abilities are considered basic since one of the signs of the present work request is the necessity for drive, adaptability, and the capacity to deal with an assortment of obligations. Path (2016) found that executing the blended learning approach can assist the students with further developing their employability abilities, just as their critical thinking capacities and capacity to impart all the more viably.

The researches on blended learning and English education and learning have grown in popularity as educationists look for ways to use this informative paradigm to teach English as a second/unknown language (ESL/EFL). According to numerous studies done by linguists such as Akbarov (2018), Fatemipour (2017), Pandian (2012); Lee (2010), the use and adequacy of blended learning in an ESL environment, several academic and social benefits of demonstration have been recognized. Marsh (2012), for example, said that the usage of blended learning may offer several benefits to language students in comparison to traditional teaching approaches. Several of these benefits include increasing language students' independence, providing more individualised language support, advancing cooperative learning, increasing students' communication and commitment, providing opportunities for language students to practise their language abilities outside of class, and further developing language students' language abilities. While several authors have characterized blended learning, Osguthorpe and Graham (2003, p.228) present the most significant explanation in the following assertion:

Individuals who use a combination of approaches do so with the idea that face-to-face collaboration (both among students and between student and teacher) has inherent benefits and that incorporating online strategies into their teaching has a few intrinsic benefits. Thus, people that employ blended learning strategies seek to strike a mutually agreeable balance between online knowledge availability and face-to-face human engagement. (p. 228).

Numerous studies have proved the efficacy of blended learning in developing language students' language proficiency. For example, rather learning using traditional face-to-face or

wholly online procedures, students' speaking, listening, reading, and writing talents can be enhanced through blended advancing. Several scientists discovered that utilizing blended learning has a significant beneficial effect on the reading abilities of EFL students. Ghazizadeh and Fatemipour (2017) asserted that integrating mixed learning with language students has a direct effect on improving language students' reading ability. In light of the review findings, the scientists concluded that mixed learning complements the learning system and can be successfully implemented in English comprehension classes.

Similarly, Adas and Bakir (2013) examined the use of a blended learning methodology to improve the writing skills of EFL students. A review was conducted to determine whether blended learning may be a beneficial strategy for increasing a student's general exhibition documented in hard copy. The evaluation piqued the interest of sixty EFL students at a Palestinian institution. The students were placed into two groups: one received instruction in English composition using the traditional eye-to-eye technique, while the other received instruction through a blended learning paradigm. After the showing period concluded, the analysts discovered that the group that was shown using a mixed learning technique performed much better in writing than the other group. In general, the usage of blended learning benefited in the development of writing skills among the EFL students that participated. The specialist concluded by stating that blended learning improved a variety of aspects of the members' writing, including language structure, spelling, accentuation, and language soundness.

Grgurovic (2011) also studied blended learning in an ESL setting. The review was expected to determine how mixed learning is implemented in ESL programmes and how inperson and remote learning are coordinated. The review was completed in an accelerated English programme in the USA. There were 19 ESL students and one ESL teacher. To assess the model's viability, researchers observed language lessons, read students' work, and spoke with educators. The results showed that blended learning may be used to display all linguistic abilities. Blended learning was well received by educators and students alike. They agreed that web-based training complemented traditional approaches and benefited students' language acquisition. The study concluded that blended learning may be used effectively to teach English in ESL programmes.

Nonetheless, other studies have demonstrated that the use of mixed learning does not always have a direct effect on linguistic abilities. For instance, Tosun (2015) examined the effect of using a blended learning method when training students on English jargon. Additionally, the focus examined English language students' perceptions of mixed learning in the context of

English jargon acquisition. The review included 40 students enrolled in two classes at a Turkey-based intensive English programme. The participants were divided into two groups: a test group that was exposed to the objective language through a blended learning strategy, and a benchmark group that was exposed to a similar jargon by the conventional displaying technique (face to-face guidance). At the conclusion of the guidance period, the two groups were asked to choose their jargon information. The findings indicated that, despite the fact that students expressed satisfaction with mixed learning as a mode of instruction, the use of a blended learning process had no beneficial effect on students' jargon knowledge.

Tosun (2015) stated that their findings did not corroborate several previous studies linking the use of mixed figuring out how to the development of linguistic talents. Tosun added that one possible explanation for these findings is the review's brief duration. All things considered, research indicates that blended learning may be effectively used to develop the linguistic capacities of English language students in the ESL and EFL settings. The assessed studies indicate that language instructors can employ mixed learning as a model for fostering diverse talents such as reading, writing, speaking, and jargon information.

Critical Thinking

The improvement of critical thinking is an assortment of six mental capacities. The first is recognized as interpretation, according to Facione (2007) as having the choice to comprehend and convey the meaning of various data; including the sub-capacities of request, deciphering significance, and clarifying importance. Next is assessment, which revolves around perceiving the normal meaning of any construction of communication and is a huge capacity for cognizance underhanded clarifications. Evaluation is similarly huge for the same explanation. It has to do with making a judgment concerning the legitimacy of the speaker. Fourth is clarification, an expansive portrayal or translation of the information that is obtained. This is to know whether data is suitably seen as arranged. The fifth is acceptance, and that infers joining every one of the information to outline an end. Inference is essential to shape a precise explanation. Finally, self-rule is deliberately checking the way in which one is treating the entire cycle (Facione, 2007). Sharpe, Benfield, Roberts, and Francis (2006) show that most examiners and teachers use skillful thinking, critical thinking, additionally decisive thinking as viable terms that simply illustrate "more significant" thinking. This confusion occurs, considering the way that these capacities consistently use a part of comparable thinking techniques. In any case, in solicitation to think generally, the researcher ought to at first think deliberately. In solicitation to deal with issues, a solitary necessity to think

deliberately likewise is essential. Thusly, according to Bloom, intentional reflection is more inconvenient than thinking deliberately. Stobaugh (2013) states that a fundamental piece of unequivocal thinking is the association of separating and looking at thinking with the ultimate goal of creating it. Hence, many consider the examination level as the beginning of significant reasoning cycles.

Relational abilities incorporate the ability to send thoughts successfully and convincingly and record as a hard copy with the capacity to offer points of view in basic terms, the capacity to pass on clear headings, and the capacity to spur others through powerful discourse. Various indications of critical thinking capacities incorporate the following:

- (1) characterizing issues, for example an individual's capacity to examine every issue in a course,
- (2) articulating contentions upheld by logical proof from existing writing,
- (3) executing assessment upheld by realities, standards, or set up rules, and
- (4) reaching inferences, for example deciding answers for the issues that happen (Cahyani and Azizah, 2019; Hunaepi et al., 2020).

As indicated by Kyaw et al. (2019) and Sagala et al. (2019), relational abilities can be grouped into four classifications: expressed communication, composed communication, listening capacity, and communication content.

As indicated by the former investigations, it tends to be expressed that the various past examinations have analysed the impact of blended learning on undergraduate students' critical thinking and relational abilities. Various academic spaces, including instruction and brain science, have directed examination on critical thinking, yielding various orders (Moore and Parker, 2012). Since critical thinking is an umbrella expression covering a different scope of reasoning capacities, it is fundamental to characterize the term (Carmichael and Farrell, 2012).

Advantages of Critical Thinking

Critical thinking is the ability to explore data by offering appropriate conversation starters, breaking down and evaluating relevant information, applying hypothetical ideas, and discussing viably with others (Duron et al 2006). Also, critical thinking is characterized as the specialty of scattering proof adequately through perception, using setting abilities to distinguish an issue inside the provided setting, and consolidating relevant hypothetical contentions and systems to foster a conclusive judgment. Furthermore, critical thinking is

depicted as the ability to work with complex thoughts so that a student can adequately introduce proof to help a sensible judgment.

As per scientists, critical thinking instruction is critical for learning since it empowers people to have a superior cognizance of the material they find and further develops critical thinking and further developed decision-production in certifiable circumstances (Dwyer et al., 2014). Critical thinking empowers undergraduate students to derive information from what they read and to understand it all the more completely. Critical thinking is a basic ability as far as outfitting students with a sense of direction that helps them in settling on reasonable choices in a world flooded with pre-bundled thoughts. They are then ready to discuss this with others and in their composition.

Critical thinking is one of the crucial mainstays of achievement in both individual and scholastic life in such manner (Duron, Limbach, and Waugh, 2006). It is essential in helping students in fostering their administration characteristics, dynamic capacity, and basic judgment, just as giving students a strategic advantage for achievement in the overall work market (Adams, Cain, Giraud, and Stedman, 2012). Furthermore, critical thinking is important for social and scholarly progression. As per Walton (2000), critical thinking can be considered to be a technique for staying away from social troubles in ordinary circumstances. Critical thinking abilities have been minimized in conventional instructive settings, attributable to the way that the style of conveyance/guidance is habitually a single direction road.

Blended Learning for Critical Thinking Skills

Guidance from the past focused on an educator-centered, test-planned, and robotic method that almost completely blocked undergraduate students from developing their critical thinking skills (Huang, Hung, and Cheng 2012). In the modern era, students are more focused on meeting the different educational needs of undergraduate students. Powerful utilization of innovation, along with the improvement of critical thinking capacities, will plan the students for the labor force of the twenty-first century. While critical thinking is profoundly respected, showing it adequately is similarly difficult (Gelder, 2001). There are two normal strategies for teaching undergraduate students in critical thinking: roundabout and direct guidance. Undergraduate students should assemble their thinking skills thoroughly considering capacities an assortment of courses, like writing and history, in circuitous strategies. The immediate methodology involves showing the students how to think basically using hypothetically grounded genuine encounters.

New exploration shows that critical thinking capacities can be effectively developed in an innovation rich setting by tending to various elements: motivator, guidance, framework, and criticism. As indicated by Huang et al. (2012), blended learning conditions that join innovative devices into classrooms work with powerful communication, permitting the students to foster contentions upheld by proof, clarify their perspectives by making thinking processes 'noticeable,' and eventually cultivate improved critical thinking abilities. In a globalized existence where information is progressively gotten to through innovation, instructors should support the students' learning through computerized stages by advancing web-based association and media proficiency training. As indicated by De Abreu (2010), media proficiency can assist undergraduate students' with creating critical thinking capacities, which are essential in the present globalized and innovatively complex world. While educators perceived the significance of further developing media proficiency to enable their students' they likewise exhibited a "absence of concentration and vulnerability in the field of media education guidance and advanced innovation" (De Abreu, 2010, p.26). These discoveries stress the need of teachers seeking after proficient advancement around here to engage their students. The motivation behind this paper is to examine the viability of a blended learning climate in fostering undergraduate students' critical thinking abilities.

Blended learning, then again alluded to as half-breed learning, is the perplexing mixing of face to face and web-based learning exercises. The University of Calgary's Teaching and Learning Center has fostered an exceptionally complete meaning of blended learning: "the reconciliation of eye to eye and internet learning to improve the classroom experience and broaden learning through the inventive utilization of data and communication innovation."

Blended procedures increase students' commitment and advancing by consolidating on the web exercises into the course educational program and by limiting talk time." Garrison and Kanuka (2004) put it, "Web data and communication advancements are changing a huge piece of society, and there is little motivation to accept that they won't characterize extraordinary development for advanced education in the twenty- first century" (p.95). One such progress is the capacity to expect, overhaul, and adjust instructive conditions to the continuous innovative upheaval. Blended learning is the response, as it spans the split among customary and online training, furnishing the students with the smartest possible solution.

Blended learning is interesting in that it joins the upsides of eye-to-eye communication with the benefits of online composed communication, like research facilities, recreations, instructional exercises, and assessments (Garrison and Vaughan, 2008). Blended learning emerged because of the developing need and craving for organizations to meet the different

advancing requirements of their students and to make intriguing and significant opportunities for growth. It is versatile to a scope of learning strategies.

Blended learning advances students' association in the learning system and cultivates cooperation. It lightens strain in the learning climate by offering a space for undergraduate students to rehearse abilities outside of the classroom. As indicated by a review because of blended learning on undergraduate students' and educators, instructors revealed an increment in students' scholastic ability, students' inclusion, and communication (Werth and Werth, 2013). Several instructors noticed an expansion in undergraduate students' more elevated levels and reasoning capacities, and showed an increment in students' inspiration to partake in class. These positive pointers support the reasoning for blended learning. The adaptability that blended learning gives as far as learning arrangements, styles, and the utilization of innovative devices to help both eye to eye and web-based learning. They empower undergraduate students to suit their exceptional prerequisites and foster 21st century capacities like critical thinking (Marsh, 2012).

Consolidating critical thinking capacities and blended learning innovative methods may help undergraduate students by giving an extra chance to secure new information and practice critical thinking abilities (Carmichael and Farrell, 2012). Various intelligent innovations, including online journals, wikis, voice strings, web-quests, web-based media, video/sound conferencing, video accounts of educating and learning collaborations, conversation gatherings, and virtual reality where clients can mingle, interface, and make utilizing free voice and text visit, iPad, or versatile advancements), have been coordinated into blended learning conditions to expand undergraduate students' commitment, critical thinking, and creative thinking. (2010, COHERE).

Role of the Teachers to Facilitate Blended Learning in Enriching Critical Thinking Skills

Blended learning situations give teachers a wide range of tools and ideas that help students connect with each other more effectively. Instructors can get undergraduate students to connect with each other by putting web-based media stages like web journals, Twitter, and Facebook into the educational cycle. Undergraduate students can talk about their thoughts and feelings in blended learning environments. They can also look at their own work and show that they pay attention to other people. Li (2010) says that the students can improve their critical thinking skills more effectively through mixed learning, which encourages students to ask questions, use resources from the Internet, and interact with others.

Instructors' jobs change a lot as they move from "teacher" to "educational advisor". The students must be directed and coordinated by the instructor in a mixed picking up setting. The instructor must make sure that any problems the students have while picking up are worked out. (Pedersen, 2003).

The educator must proceed to advance and energize undergraduate students, to lead and assess their advancement, to give input, to assemble certainty, and to keep up with inspiration. Educators can help the students in a blended learning classroom by directing them, dealing with their exercises, coordinating their learning, and helping them in fostering their critical thinking and critical thinking abilities (Marsh, 2012). A blended learning climate is intended to advance independent learning. The instructors' liability is to help the students who need time usage abilities and are new to working alone in fostering the capacities important to work autonomously. This is particularly basic in the event that this is the students' first experience learning in a blended getting the hang of setting.

Instructors can help undergraduate students' in fostering their critical thinking capacities by making a strong internet based local area. Instructors ought to urge their students to react to each other's inquiries rather than relying solely upon the educator's reactions (Marsh, 2012). One more obligation of instructors is to painstakingly arrange the blend, considering the ideal learning results, accessible innovation, and institutional cut-off points, to establish a compelling blended learning climate. Also, they must survey students' progress and afterward provide separate guidance by using an assortment of techniques and assets, including computerized content, to meet the students' requirements. Educators ought to ask the students to team up on thinking about and assessing each other's work (Armes, 2012). Blended learning is incredibly successful in real learning conditions, especially with regards to work environment realizing, where critical thinking abilities are needed to associate and speak with various layers of ordered progression. Functional pieces of working environment learning, like gathering with specialists, can be sorted out and conveyed face to face, while course content and learning assets can be conveyed on the web. (Oliver, Herrington, and Reeves, 2005)

The linguists accept that blended learning gives numerous roads to creating learning prospects. In any case, different perspectives should be addressed to make a mix that is appropriate for undergraduate students' necessities. Swamp (2012) traces four phases important to start making a blend.

1) Define the places where the classroom illustration will be educational. The example will not work if the teacher doesn't have a clear idea of where the students are going to learn.

- Determine the exercises that undergraduate students will partake in all through class. During this time, teachers can focus on language exercises that help students improve their critical thinking skills, such as when they write to each other and work together. The students are to be set up online so that they can do well in class-based pair and group work exercises. Also, the atmosphere in the classroom makes students more willing to help each other.
- 3) Find tasks that undergraduate students can do online before class. People who are in college, for example, can see the material at home and then talk about it in class.
- 4) Identify after-class exercises for the students.
- 5) The students should be supported their change to a blended learning climate.

The students expect time to change in accordance with their new climate. There are a lot of differences between how undergraduate students do in a blended learning environment and how they did in a traditional learning environment, where they are expected to be great audience members and pay attention to what was being said. The students should now foster the capacity to work uninhibitedly, make their own decisions, and take responsibility for own learning. During the early parts of the class, a few students will need help and direction in making these decisions. It is important for the students to know that, even though mixed learning is good because it allows them to be more flexible, this doesn't mean they can do all their work on the internet as late as possible. (Armes, 2012).

Blended learning advances a viable learning climate that urges the students to build information altogether and autonomously and to foster critical thinking capacities. By permitting the students to take part, blended learning supports outside reasoning examples. In addition, it helps students think about their own way of thinking by giving them tools to help them move forward on their own. (Yang and Wu, 2012). Blended learning empowers both the instructor and the student to team up online to share content, thoughts, and foster information. Eye to eye settings, for example, critical thinking and business-related mentorships, address the holes in understanding that need support. A very much planned blended learning class can help both instructor and students by advancing and working with students focused learning. The instructor who establishes such a climate will team up with different educators, think about their own training, and the outcome will be the advancement of instructing methodologies that address the particular requirements of every student for ideal learning. The advancement of learning propensities, especially higher request thinking, can be performed adequately and rapidly through a scope of blended learning apparatuses, including weblogs, visual undertakings, and computerized narrating. Nonetheless, the achievement of blended learning as far as fostering the students' critical thinking capacities is profoundly

reliant upon the assistance and direction of instructors. As indicated by Miller (2013), achievement is dependent upon the presence of a certified instructor and friends, rather than the presence of a specific innovation apparatus.

Therefore, teachers should set exclusive expectations, model conduct, and give helpful criticism. Also, they should improve the students' learning processes and advance social connection effectively. Instructors should screen discussions to guarantee they are not being used for non-scholastic connections and exercises, for example, cyberbullying. Blended learning is anything but an expense add-on to tutoring. It addresses a revamping of class contact hours fully intent on expanding students' commitment and critical thinking capacities by growing admittance to web-based learning assets (Garrison and Vaughan, 2008). Furthermore, blended learning's prosperity is dependent upon the students' capacity to utilize innovation viably in scholastic settings while additionally profiting from relational collaborations with instructors and different the students and fostering the social and critical thinking abilities vital for the twenty-first century work environment. While most of American students use innovation at home, this isn't generally the situation in different countries. Instructors should know about their students' degree of experience with innovation and ability. The students who are new to the innovation used in a blended learning climate might require more consideration. By and large, assuming these couple of issues are survived, a blended learning climate can help undergraduate students in learning and fostering their critical thinking capacities.

Conclusion

The utilization of a blended learning technique has been displayed to further develop undergraduate students' critical thinking capacities. This condition is clear in the undergraduate students' answers to each learning movement in the class-room in which they are needed to tackle issues allocated by instructors or found all alone. It is like past exploration directed by Dwiyogo (2018) and Tsai (2017), showing that the students are adjusted to resolving issues during the learning system while utilizing the mixed model, and that this training goodly affects their critical thinking capacities. Critical thinking capacities are inseparably connected to critical thinking. Van Laar et al. (2017) and Eyisi (2016) found a positive relationship between critical thinking and critical thinking capacities. The students that have solid critical thinking capacities likewise show solid critical thinking is. As a mode of guidance, innovation empowers the students to make a more successful and proficient learning climate. It is exhibited by the straightforwardness with which data or information can

be gotten to by means of elearning medium. The students can utilize speaker offered types of assistance to advance anyplace and whenever, cooperatively (through web-based conversation) or freely (Jou, Lin and Wu, 2016; Tamrin and Basri, 2020). This condition expects the students to become accustomed to experiencing a few learning challenges, since they should have the option to research the learning innovations or devices utilized during the learning system. In e-learning, the speaker, as the facilitator, is answerable for furnishing the students with supplemental materials, for example, digital books, voice notes, and instructional exercise recordings for home or self-study.

Moreover, a teacher in the issue-based learning model fills in as an assistant as an afterthought by directing the students through each learning movement in the classroom, regardless of whether through conversation and individual learning in the classroom or through e-learning, with the goal that the students can take part effectively in classroom conversations and round table discussions. The advantage of this training is that these students might take care of issues and integrate information from both inside and outside the classroom to. think of novel answers for the undertakings allotted by instructors. Furthermore, the coordinated learning worldview helps students in sharpening their reasoning capacities. The blend of simultaneous and e-learning urges the students to work on their legitimate thinking capacities (Regina, Roy and Alotebi, 2015; Lestari et al., 2019). As per Changwong, Sukkamart, and Sisan (2018) and Siburian, Corebima, and Saptasari (2019), coherent thinking is a part of critical thinking. In this manner, expanding the students' critical thinking capacities can be refined by zeroing in on their intelligent thinking capacities. Nonetheless, the utilization of innovation in the instructive interaction doesn't connect all of the time with the development of one's reasoning capacity. This situation can happen when a teacher can't profit by the great prospects of innovation and neglects to recognize the classroom setting. Subsequently, cooperation among speakers and the learners who have a strong handle of their parts in blended learning is basic for the formation of a favorable learning climate (Wahyuni et al., 2019).

The blended learning benefits the students as far as critical thinking capacity, yet additionally as far as communication capacity. The blended learning model's essential spotlight is on the students' focused learning framework that expects them to partake effectively in each gathering or individual learning movement. It helps them in fostering their certainty, rousing themselves to introduce their musings, and regarding and liking their colleagues' points of view in the classroom. Furthermore, online contact may help them in sharing mastery. The learners can share information through the conversation capacity and

contact with their companions straightforwardly by means of visit applications. It empowers likewise shows the worth of mixed mastering for relational abilities, exhibiting how webbased acquiring benefits the students' language abilities (Banditvilai (2016). Furthermore, he noticed that web-based learning expands undergraduate students' interest and inspiration for classroom learning. Suwono and Dewi (2019) advocate the advantage of blended learning for undergraduate students' communication capacities, expressing that the use of issue-based learning on the web can build undergraduate students' capability.

Students' focused learning can take place anywhere and obliges students who have a more certain or viable learning style. With the reception of this thought, the blended learning model productively helps the students in turning out to be more independent in their learning exercises outside of the classroom. The versatility of the data acquired by undergraduate students' assists them with choosing, investigate, and assess the information they require and to apply it to their classroom or future expertise advancement. This condition, obviously, can assist the students with fostering their communication capacities, as the technique is versatile and can assist undergraduate students' with talking all the more effectively with their companions (Sriarunrasmee, Techataweewan, and Mebusaya, 2015).

To conclude, it can be stated that blended learning is a beneficial process that combines traditional face-to-face instruction with online instruction in a single setting. It is a forming pattern throughout an era of novel events. Mixed learning is an exciting concept that has brought together various large sectors such as instructional innovation, online education, and learning. The usage of blended learning in the ESL/EFL classroom has garnered much attention as a means of instructing and learning English. Research has demonstrated that utilizing blended advancing strategies rather than conventional instructing or online demonstrating strategies alone has numerous advantages for both students' advancement and the learning climate. Among these benefits are the enhancement of the English learning process, the development of language talents, and the improvement of the English learning climate. Despite these benefits, mixed learning may present some challenges. In any event, there is a dearth of work that examines the challenges educators confront when implementing a mixed learning method in an ESL/EFL classroom. Additional research should be conducted to ascertain ESL/EFL instructors' perspectives on the issues they encounter while incorporating mixed learning into English instruction and learning.

References

- 1. Adas, D., & Bakir, A. (2013). Writing difficulties and new solutions: Blended learning as an approach to improve writing abilities. *International Journal of Humanities and Social Science*, 3(9), 254-266.
- 2. Adams, B. L., Cain, H. R., Giraud, V., & Stedman, N. L. (2012). Leadership, motivation, and teamwork behaviors of principal investigator's in interdisciplinary teams: A synthesis of research. *Journal of Leadership Education*, 11(2)
- 3. Armes, C. (2012, April 17). *The role of the teacher in blended learning: Data, management, and student support.Scientific Learning.* Retrieved from http://www.scilearn.com/blog/ roleof-the-teacher-in-blended-learning.php
- 4. Akbarov, A., Gönen, K., & Aydoğan, H. (2018). Students' attitudes toward blended learning in EFL context. *Acta Didactica Napocensia*, 11(1), 61-68. doi:10.24193/adn.11.1.5.
- 5. Banditvilai, C. (2016). Enhancing Students' Language Skills through Blended Learning.
- 6. Electronic Journal of e-Learning, 14(3), 220-229.
- 7. Blau, I., Weiser, O., and Eshet-Alkalai, Y. (2017). How do medium naturalness and personality traits shape academic achievement and perceived learning? An experimental study of face-to-face and synchronous e-learning. Res. Learn. Technol. 25. doi: 10.25304/rlt.v25.1974
- 8. Bonk, C. J., & Graham, C. R. (2012). *The handbook of blended learning: Global perspectives, local designs*. San Francisco, CA: John Wiley & Sons.
- 9. Carmichael, E., & Farrell, H. (2012). Evaluation of the effectiveness of online resources in developing student critical thinking: Review of literature and case study of a critical thinking online site. *Journal of University Teaching and Learning Practice*, 9(1).
- 10. Changwong, K., Sukkamart, A. &Sisan, B. (2018). Critical thinking skill development: analysis of a new learning management model for Thai high schools. *Journal of International Studies*, 11(2)
- 11. COHERE.ca. (2010). Innovative practices research project COHERE report on blended learning. Human resources and skills development Canada. Retrieved from http://cohere.ca/wp-content/uploads/2011/11/REPORT-ON-BLENDEDLEARNING-FINAL1.pdf
- 12. De Abreu, B. (2010). Changing Technology = Empowering students through media literacy education. *New Horizons in Education*, 58(3), 26-33

- 13. Dwyer, C. P., Hogan, M. J., & Stewart, I. (2014). An integrated critical thinking framework for the 21st century. *Thinking Skills and Creativity*, 12, 43–52. https://doi.org/10.1016/j.tsc.2013.12.004
- 14. Dwiyogo, W. D. (2018a). Developing a blended learning-based method for problem-solving in capability learning. *The Turkish Online Journal of Educational Technology*, 17(1), 11
- 15. Duron, R., Limbach, B., & Waugh, W. (2006). International Journal of Teaching and Learning in Higher Education. *Critical Thinking Framework For Any Discipline*, 17, 160166.
- 16. Garrison, D. R., & Vaughan, N. D. (2008). *Blended learning in higher education:* Framework, principles, and guidelines. San Francisco, CA: John Wiley & Sons.
- 17. Garrison, D. R., & Kanuka, H. (2004). Blended learning: Uncovering its transformative potential in higher education. *The Internet and Higher Education*, 7(2), 95-105. doi:10.1016/j.iheduc.2004.02.001
- 18. Ghazizadeh, T., & Fatemipour, H. (2017). The effect of blended learning on EFL learners' reading proficiency. *Journal of Language Teaching and Research*, 8(3), 606-614. doi:10.17507/jltr.0803.21
- 19. Graham, C. R. (2006). Blended learning systems. In Bonk, C. J. & Graham, C. R. (Eds.). (in press). *Handbook of blended learning: Global Perspectives, local designs*. (3-21). San Francisco, CA: John Wiley & Sons
- 20. Graham, C. R., Allen, S., & Ure, D. (2005). *Benefits and challenges of blended learning environments*. In M. Khosrow-Pour (Ed.), Encyclopedia of information science and technology (pp. 253-259). Hershey, PA: Idea Group.
- 21. Graham, C. R., Allen, S., Ure, D., (2003). *Blended learning environments. A review of the research literature*. Unpublished manuscript, Brigham Young University.
- 22. Grgurovic, M. (2011). Blended learning in an ESL class: A case study. *Calico Journal*, 29(1), 100-117.
- 23. Eric Huang, Richard Socher, Christopher Manning, and Andrew Ng. 2012. Improving Word Representations via Global Context and Multiple Word Prototypes. In Proceedings of the 50th Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers), pages 873–882, Jeju Island, Korea. Association for Computational Linguistics.
- 24. Facione, Peter A and Noreen C,: *Thinking and Reasoning in Human Decision Making*. The California Academic Press. Millbrae CA, 2007

- 25. Gelder, T. V. (2001). How to improve critical thinking using educational technology. ASCILITE 2001 conference proceeding, 539-548
- 26. Ja'ashan, M. M. (2015). Perceptions and attitudes towards blended learning for English courses: A case study of students at University of Bisha. *English Language Teaching*, 8(9), 40-50. doi: 10.5539/elt.v8n9p40.
- 27. Hart, J. L. (2019). Interdisciplinary project-based learning as a means of developing employability skills in undergraduate science degree programs. *Journal of Teaching and Learning for Graduate Employability*, 10(2), 50-66.
- 28. Kyaw, B. M., Posadzki, P., Paddock, S., Car, J., Campbell, J., & Car, L. T. (2019). Effectiveness of digital education on communication skills among medical students: systematic review and meta-analysis by the digital health education collaboration. *Journal of medical Internet research*, 21(8), e12967.
- 29. Huang, K. H., Hung, K. C., & Cheng, C. C. (2012). Enhancing interactivity in geography class: Fostering critical thinking skills through technology. Problems of Education in the 21st Century, 50
- 30. Jou, M., Lin, Y. T. & Wu, D. W. (2016). Effect of a blended learning environment on student critical thinking and knowledge transformation. *Interactive Learning Environments*, 24(6), 1131–1147. doi:10.1080/10494820.2014.961485
- 31. Liu, M. (2013). Blended Learning in a University EFL Writing Course: Description and Evaluation. *Journal of Language Teaching & Research*, 4(2), 301-309. doi:10.4304/jltr.4.2.301-309.
- 32. Manan, N. A. A., Alias, A. A., & Pandian, A. (2012). Utilizing a Social Networking Website as an ESL Pedagogical Tool in a Blended Learning Environment: An Exploratory Study. *International Journal of Social Sciences & Education*, 2(1), 1-9
- 33. Marsh, D. (2012). *Blended learning: Creating learning opportunities for language learners*. New York, NY: Cambridge University Press.
- 34. Neumeier, P. (2005). A closer look at blended learning: Parameters for designing a blended learning environment for language teaching and learning. *ReCALL*, 17, 163–178. doi: 10.1017/S0958344005000224.
- 35. Pedersen, S., & Liu, M. (2003). Teachers' beliefs about issues in the implementation of a student-centered learning environment. *Educational Technology Research and Development*, 51(2), 57-76.
- 36. Sharma, P., & Barrett, B. (2007). *Blended learning: Using technology in and beyond the language classroom*. Oxford, UK: Macmillan education.

- 37. Shih, R. C.(2010). Blended learning using video-based blogs: Public speaking for English as a second language students. *Australasian Journal of Educational Technology*, 26(6), 883897doi: https://doi.org/10.14742/ajet.1048.
- 38. Tayebinik, M., & Puteh, M. (2013). Blended Learning or E-learning? *International Magazine on Advances in Computer Science and Telecommunications (IMACST)*, 3(1), 103-110. doi: https://ssrn.com/abstract=2282881.
- 39. Tosun, S. (2015). The effects of blended learning on EFL students' vocabulary enhancement. *Procedia-Social and Behavioral Sciences*, 199(1), 641-647. https://doi.org/10.1016/j.sbspro.2015.07.592.
- 40. Yoon, S. Y., & Lee, C. H. (2010). The perspectives and effectiveness of blended learning in L2 writing of Korean university students. *Multimedia Assisted Language Learning*, 13(2), 177-204.
- 41. Zhang, W., & Zhu, C. (2018). Comparing learning outcomes of blended learning and traditional face-to-face learning of university students in ESL courses. *International Journal on E-Learning*, 17(2), 251-273.
- 42. Osguthorpe, R. T. & Graham, C. R. (2003). Blended learning environments: Definitions and directions. *The Quarterly Review of Distance Education*, 4(3), 227-233.
- 43. Picciano, A. G., Dziuban, C., & Graham, C. R. (2013). *Blended learning: Research perspectives*. New York, NY: Routledge Publication.
- 44. Regina, G.-G., Roy, M. & Alotebi, H. (2015). The interplay of technology and critical thinking skills in the 21st century blended classroom. *International Journal of Advanced Research in Education Technology (IJARET)*, 2(3), 4.
- 45. Rhem, J. (2012). *Blended learning: Across the disciplines, across the academy*. Sterling, VI: Stylus Publishing, LLC.
- 46. Riel, J., Lawless, K. A., & Brown, S. W. (2016). Listening to the teachers: Using weekly online teacher logs for ROPD to identify teachers' persistent challenges when implementing a blended learning curriculum. *Journal of Online Learning Research*, 2(2), 169-200
- 47. Techataweewan, W., Worraratpanya, K., & Sanrach, C. (2012). Knowledge management in e-learning for supporting students' information literacy. In A. Jose (Ed.), *Advances in Digital Library Development* (pp. 395-404). New Delhi: Macmillan.
- 48. Sriarunrasmee, J., Techataweewan, W. & Mebusaya, R. P. (2015). Blended learning supporting self-directed learning and communication skills of Srinakharinwirot

- University's first year students. *Procedia—Social and Behavioral Sciences*, 197, 1564–1569. doi:10.1016/j.sbspro.2015.07.111
- 49. Stobaugh, Rebecca. (2013). Assessing Critical Thinking in Middle and High Schools. New York: Routledge.
- 50. Suwono, H., & Dewi, E. K. (2019). Problem-Based Learning Blended with Online Interaction to Improve Motivation, Scientific Communication and Higher Order Thinking Skills of High School Students. *International Conference for Science Educators and Teachers (ISET)* (pp. 1-9). Bangkok, Thailand: AIP Publishing.
- 51. Regina, G.-G., Roy, M. & Alotebi, H. (2015). The interplay of technology and critical thinking skills in the 21st century blended classroom. *International Journal of Advanced Research in Education Technology (IJARET)*, 2(3), 4.
- 52. Tsai, M.-H. & Tang, Y.-C. (2017). Learning attitudes and problem-solving attitudes for blended problem-based learning. *Library Hi Tech*, 35(4), 615–628. doi:10.1108/LHT-062017-0102
- 53. Yu, W. -C. W., Lin C.C., Ho M-H, Wang J. (2015). Technology facilitated PBL pedagogy and its impact on nursing students academic achievement and critical thinking dispositions. *The Turkish Online Journal of Educational Technology*, 14(1), 97–107.
- 54. Walton, D. (2000). Problems and useful techniques in teaching argumentation, informal logic and critical thinking. *Informal Logic*, 20, 35-89.
- 55. Wahyuni, S., Sanjaya, I. G. M., Erman, E., & Jatmiko, B. (2019). Edmodo-Based Blended Learning Model as an Alternative of Science Learning to Motivate and Improve Junior High School Students' Scientific Critical Thinking Skills. *International Journal of Emerging Technologies in Learning (iJET)*, 14(07), 98-110.
- 56. Werth, L., & Werth, E.P. (2013). Educational technology: Perceptions and use by a sample of K-12 teachers. *ISTE* (*International Society for Technology in Education*) Conference Proceedings. San Antonio, TX.
- 57. Van Laar, E., Van Deursen, A. J., Van Dijk, J. A. & De Haan, J. (2017). The relation between 21st-century skills and digital skills: a systematic literature review. *Computers in Human Behavior*, 72, 577–588.