Importance of Creativity in Classroom Instruction for Quality Teaching-Learning Process

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Abstract

Creativity is a significant instrument for the improvement and advancement of the education system particularly for the enhancement of teaching-learning process. The role of creativity in education system of the 21st century has changed radically with the integration of technology. The present study emphasis on comparing the role of creativity in traditional teaching learning process with blended learning system. This study also attempts to highlight the significance of enhancing creativity and higher order thinking in the students and focuses on the excellent opportunity it provides for students to not only master a body of topic knowledge, but also to focus on creatively applying that knowledge, a skill that is essential for success in any setting specially during and post COVID-19 pandemic. To encourage more noteworthy creativity in students, it is recommended that educational institutions adjust their hierarchical structures.

Keywords: - Creativity, Innovation, Classroom Instruction, Abilities, Imagination, Teaching-Learning Process.

1. Introduction

Creativity is the lifeblood of our civilizations and one of the characteristics that distinguishes us as human beings. We know almost nothing about the cognitive and neurological mechanisms which generate creative thoughts, despite its prominence at the pinnacle of human mental faculties [1, 2]. Creativity is a process that has contributed not only to liberation and emancipation, but also to oppression, alienation, and environmental destruction. The value and significance of creativity must be understood in context, taking into account both the realities of good and bad intentions, as well as the complicated and unpredictable ways in which they affect the world [3]. Thus, creativity is a psychological notion that applies to a wide range of human actions. The concept of creativity has long been essential in philosophical disputes regarding the nature of art, genius, and the imagination [4]. Creativity isn't just about improving or making workmanship, it's tied in with living imaginatively. One can move towards any circumstance in existence with a creative soul.

Innovative thinking in any discipline necessitates creativity, which is undervalued in many traditional educational institutions [27, 28]. All problem-solving and construction activities necessitate creative thinking [5]. Creativity can be interpreted in a variety of ways in the context of education. One of the ways to study creativity in education is based on the idea of creativity as the correlation of multiple structural components: methodological, procedural, personal, and panoramic [6]. Creativity doesn't simply occur; it needs to be developed, supported and requires an appropriate direction. Commencement of this development cycle of creativity begins from the homeroom and the instructors assume a vital part in keeping up with the process. Creativity is a significant instrument for the improvement and advancement of the education system particularly for the enhancement of teaching-learning process

Instructors are key figures in developing a creative environment; however, they need support from both policymakers and organizations. Educators who can model innovative ways of perspectives, playfully

engage with content, and express their thoughts, will bring forth creative students [8]. Specifically, educational plans and appraisal are key regions to be addressed to permit inventiveness in the study hall. This permits the educating of imaginative remembering to be joined with the instructing of topic content, without losing informative time. As per the literature available on creativity, developing creativity in the classroom supports the design of teaching and learning. As students prepare for innovation-driven employment, creative thinking and problem solving are at the centre of learning and application [7]. For preparing students for certifiable vocations and difficulties and furnishing them with 21st century abilities, one can frequently fail to remember that as a teacher, one has an obligation to dream and make spaces where everybody has the valuable chance to be creative and draw out the most incredible in them. Thus, curricula ought to go through a skilful and exhaustive turn of events, giving a similar significance to each subject, thinking about creativity and characterizing it intelligibly all through the educational program, permitting opportunity and time for revelation, and considering students' inclinations.

Creativity is vital in training as it develops mental complexity. Creativity depends on having deep knowledge and being able to utilize it effectively. It also directly upgrades the teaching-**learning process** by expanding inspiration, developing arrangement, and advancing delight [23]. Following the work of John Dewey (1859-1952),educators have been looking for a better way to incorporate not only creative doing but also creative thinking into the classroom [9]. Creative education is when students can utilize creative minds and decisive thinking to make new and significant types of thoughts where they can face challenges, be autonomous and adaptable. It focuses on how classes are educated to suppress or encourage creativity, rather than being educated to repeat what was realized, students must figure out how to foster their capacity to track down different answers for an issue. Initiating out-of-the box solutions is known as divergent thinking and there is nobody approach to developing this ability to a great extent because of the freshness of the idea and the restricted logical data on

creativity [27]. The expanding interest in creative education is because of the requirement for more basic masterminds in business science, legislative issues and each liable to have the option to tackle complex issues. In addition, the objective of creative schooling is to challenge every student and support innovation. Rather than "normalizing" how students approach an issue, various reactions would be energized. This, thus, permits more than one sort of student to exist inside a study hall.

Involving creativity in classroom for students helps in making teaching-learning more enjoyable for students where they can learn in a quick way and can build their presentation. Students' have a strong dislike for critical subjects like science, math, and social investigations subjects. These can be decreased a little to enhance student achievement. While the learning climate is intended to make more grounded students, issue solvers, basic scholars and trend-setters, it's setting them up for better progress past the homeroom. The additional benefit of creativity in the classroom is that it empowers pupils to think freely and critically on their own. By engaging students to push the limits, question the standard and break new ground, instructors can assemble and support certainty and confidence in students. There are different ways of expanding creativity in classroom. For instance, rather than restricting the students to the composing task, they can be encouraged to make a webcast, video, pretending, sonnet, making melodiesso that instructors can likewise utilize innovation to widen thought of tasks. Besides involving the books in the study halls, one can utilize instructive digital recordings and recordings, for example, Radio lab and Ted Talks, which can make amusement with training [20]. For instance, one can also utilize Google Maps to show geology and make the class more intuitive to help educators to be more creative in classrooms and hold creativity studios for them.

Traditional strategies are a thing of the past in which teachers were the controller of the class where they instruct and assume the total liability of the learning climate [10, 11]. The main role of traditional teaching learning process is to communicate to a cutting-edge abilities, realities, and principles of moral and social lead that grown-ups consider being

fundamental for the cutting edge's material progression [26]. As per the educators, students come to school to acquire the knowledge, which they gain from instructors. Educators are the principal wellspring of information to show students and confer information. However, for the time being the techniques for instructing have been changed yet the super goal continues as before i.e., educating.

Learning is the point of instructing, however much an understudy learns, an educator gets accomplishment in their work. In the study hall, an original capacity of students sit together and gain proficiency with the substance conveyed by instructors and they ace information through the training [25, 28]. Educators are the fundamental wellspring of information in the customary strategy for instructing. They assume the liability of information gadgets, not the facilitators. If we analyze the traditional teaching learning process, the principle rationale of educators is to prepare students for tests then show them and cause them to comprehend the idea and schedule. Students learn just to finish the test and come by great outcomes. There could be no appropriate arrangement that should be visible between goals, exercises and appraisals in traditional teaching [10, 11]. Traditional teaching learning process techniques are rehearsed in the homeroom so that studentsget an award for their attempt which they put into the study hall during times of each subject. Rules and guidelines are practiced in the study hall so that it holds students' conduct within proper limits. Educators are mindful to give the information and keep up with the principles of conduct in the school.

Today and in future, creativity is a necessary component of human life. It's also regarded as one of the most crucial a fundamental competency for long-term sustainability [14]. Creativity is often defined as the exploring, imagining and creative thinking processes which occur based on one's knowledge, motivation, emotion and experiences that lead to creating new, useful and valuable products (ideas, solutions or specific things) [15,16].A decent homeroom climate generally has a few components of creativity which makes the lessons more interesting and interactive. The right blend of creativity alongside educational plans assists students to be creative and furthermore urges them to learn new things

[25]. Students can grow up as great communicators as well as working on their enthusiastic and interactive abilities. Creative classrooms can truly change the manner in which students acquire education and how they apply it in their reality [12]. Creativity is the most troublesome figuring ability to gain. Creativeness generally begins with a creative mind, and history shows that numerous things we envision are later really made. At the point when Benjamin Bloom recognized what he called the scientific categorization of the mental space, he positioned combination (Creativity) as quite possibly the most troublesome expertise to dominate on the grounds that an individual needs to involve every one of the other mental abilities in the creative process. As indicated by Bloom, creativity is the most elevated request of reasoning, it should be in the very front of all learning conditions and an ultimate objective. At the point when students make what they envision, they're controlling everything. Creative study halls offer a chance for students to learn with fun. Students are generally carefree and incorporating creative exercises alongside educational plans acquires their advantage for learning. Educators ought to energize this quality in students from the lower classes itself and rouse them to have confidence in one's own creativity [22]. The creative exercises of the students ought to be energized, endorsed and esteemed by the instructor to give him full security to accomplish his objective. The instructor ought to take on some study hall enhancement projects to speed up the creative capacities of the students. Fun group building exercises can be coordinated to advance creative thinking in gatherings and assisting them with finding out regarding tolerating others' thoughts [12, 13].

Dissimilar to the ordinary showing strategies, the creative homerooms offer them the chance to put themselves out there. Creative articulation is significant for a youngster to set off up their enthusiastic turn of events. Creativeness gives them that opportunity to investigate the environmental factors and advance new things. Empowering useful conversations as well as making the study hall format more adaptable, all matters a ton in equipping an innovative homeroom climate [25]. A classroom climate that advances creativity opens them a universe of correspondence. Students can improve

discussion &stimulate innovative thinking and talking sessions in their free time. This additionally sets off a bunch of critical thinking and shared discovery that provides them with a sensation of harmony.

COVID-19 compelled all schools, colleges, and universities around the world to close their physical classrooms and undertake digital reforms across the whole educational system. This closure has an impact on the structure of the Teaching-Learning process.As Pandemic was spreading fast, the government was forced to have lockdown. To prevent the virus from spreading across the country, all schools and colleges were shut. This lockdown had a significant impact on the lives of students who were unable to attend regular classes at their institutions to continue the school activities and the teaching-learning process without any hindrance. There was a utmost need for a structure in place that allowed students and teachers to communicate without really being together. Many organisations and institutions stepped up in response to alarming situation and build online platforms that allowed students to complete their education from the comfort of their own homes [20]. Various platform, such as SWAYAM and MOOCS were available for the students to help them to a great extent in this situation. During the COVID-19 pandemic, teachers were unable to apply all learning models due to distance, which hindered contact with pupils. This is the reason why innovation is required to take use of various learning models, such as blended learning, to deal with situations during the COVID-19 [17, 19].Face-to-face (traditional) approaches are being phased out in favour of online learning. Students would be motivated sure to learn if they are taught creatively. [18, 19].

The   pandemic posed a challenge to the global education syste m, forcing educators to switch to an online teaching mode almost immediately. Many academic institutions that had previously been hesitant to abandon their traditional pedagogical method had no choice but to completely move to online teaching-learning [21].

In view of the above, the general purpose of the present study is to evaluate and promote creativity in education for the enhancement of teaching learning process, specifically through teacher and educator training.

Further, this study also focuses on how to include creativity into learners' development and learning settings especially during COVID-19 pandemic situation.

Hence there is a need to compare the role of creativity in the Blended& Traditional Teaching-Learning Process.

2. Comparison of Traditional & Blended Teaching-Learning Process

A curious mind generally loves to find out more and the creative study halls can develop a curious attitude in youngsters through offbeat ways. Both the kinds of teaching-learning process we talked about above have their own place and significance. We can't pronounce any kind of instruction, positive or negative. It is challenging to infer what instruction is better. Both sorts have their own significance. Traditional teaching-learning is regularly connected with our way of life and it is essential to find out regarding our own way of life. Everybody should realize what are their customs, culture and the tales and convictions of their religion. Similarly, it is similarly essential to find a world as far as the cutting-edge advancements which are happening today. This depicts the significance of blended teaching-learning. Blended teaching-learning process is expected to keep in contact with the entire world and to see what's going on the planet.

The teaching-learning framework has been changing and is presenting new techniques for showing which have something else altogether and approach towards learning and instructing. Blended teaching learning process is only an advancement of the traditional tteaching learning which was granted to the students a couple of years back [24]. In present day showing strategies, educators show each student on an alternate level and don't think about everybody one. They expect all students are unique and apply different instructive practices on them independently. They think about the requirements of each student and convey as needs be. Dissimilar to old instruction, moderate showing strategies depend on action, addressing, clarifying, exhibiting and utilizing cooperation procedures.

Traditional teaching-learning is likewise called customary education or conventional

education. The principal intention of traditional teaching-learning is to pass on the qualities, habits, abilities and the social practice to the cutting edge which is important for their endurance. The manner by which traditional strategies were instructed guaranteed that students were compensated for their endeavour's, utilized class periods productively and practiced clear principles to deal with students' conduct. They depended on laid out customs that had been utilized effectively in schools over numerous years.

The educators conveyed the information and authorized guidelines of conduct.

Spaced learning modern teaching techniques are one such strategy which empowers students to switch rapidly from figuring out how to exercises. The procedure helps in improving grades and it really works for students as it makes students' minds active. Spaced learning is more successful than traditional strategies for educating. Activity helps the brain cells to make associations which cause students to recollect better.

Table1: Comparison of Traditional and Blended Teaching Learning Process

Creativity in Blended Teaching-Learning Process	Creativity in Traditional Teaching-Learning Process
Learners in the Blended education can learn at their own pace & focus on the training of creativity	Traditional education has a set schedule.
Students can learn while having a good time in creative study halls & also equips students with the ability of creative thinking.	More emphasis on examinations and results rather than understanding of concepts
The student is at the centre of curriculum creation and adopts creative thinking strategies.	Teacher-centric classrooms
By providing the essential materials and support, the teacher functions as a facilitator, creating the way for the student to learn.	Teachers in the mode of knowledge dispensers rather than facilitators.
Teaching methods in the present day instead of spoon-feeding students push them to think creatively and solve problems by using diversified teaching materials	Chalk and talk methods; Lack of collaboration and group learning
It is based on Conceptual & Practical Approach which involves creativity.	It is based on a theoretical approach and lacks creativity.
The use of Internet, digitalisation, and virtualisation has a wealth of interactive and multimodal content which will boost engagement and appeal to a wide range of students.	Emphasis on academic skills and realize the objectives set in the Textbooks.

3. Conclusions

In any case, it is the job of a teacher to acquire the right blend of creativeness in classrooms and draw out the best in students. The delight of creativity additionally contributes a ton to further developed wellbeing and this assists them with having proceeded with development in scholastics as well as the universe of creativity. All in all, creativity has become a prerequisite for innovation and will be an increasingly in-demand skill for jobs of the future. Creativity shouldn't be its very own subject, all things considered; it ought to be meshed into without question, each part of learning and educating.

4. Recommendation

To encourage more noteworthy creativity in students, educational institutes are expected to change the following four hierarchical constructions:

(1) The educational programme should provide opportunities for different learning paths that may emerge from a creative inquiry process;

(2) Assessments should incorporate and reward the type of more profound reasonable

arrangement that emerges from creative learning, and they should accommodate expected differences in learning sequence and result;

(3) Learning objectives should explicitly incorporate creative learning. Schools and regions should ensure that expected learning outcomes do not emphasise breadth over depth; and

(4) Teacher professional development should be based on creativity research and research in content areas, such as science education research that examines the proper role of directing platforms.

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