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**SIGNIFICANCE OF E-LEARNING THROUGH GOOGLE
WEB TOOLS**

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Abstract:

As we all are aware of current pandemic situation of all over the world. We also know that as teacher we can't stop our mind to produce innovative ideas for our learners. Learning process is eternal. In this situation web tools support us like oxygen. Tools like Google classroom, Hangouts, Duo and Google meets. These tools really help us to be in constant touch with our students. In classroom we are limited to teaching aids, limited ideas, small span for exposure, stage fear, problem in sharing their ideas publically and lots more. But these tools make our teaching easy and for students easy to access. In my research paper I have highlighted how these types of Google aids ignite our teaching – learning process.

The Virtual era is beginning to alter the way we deliver the message to the students. As brokers of information, we have to seek new mediums to reach our students or consumers. Online learning is becoming more popular to reach students to help increase their reading and comprehension of what they read. As a history teacher, it becomes frustrating to assign homework that the students do not do, because they can't.

Learning is lifelong process; it has no physical and mental boundaries. Back to our web tools, it helps us to enhance our Receptive and Productive skills. With these skills we also develop our critical thinking and active participation from audience.

1. Google Classroom:

Google Classroom is a free web service, developed by Google for schools, that aims to simplify creating, distributing, and grading assignments in a paperless way. The primary purpose of Google Classroom is to streamline the process of sharing files between teachers and students

2. Google Hangouts & Meet:

Google Hangouts is a communication software developed by Google. Originally a feature of Google+, Hangouts became a stand-alone product in 2013, when Google also began integrating features from Google+ Messenger and Google Talk into Hangouts.



3. Google Duo:

Google Duo is a video chat mobile app developed by Google, available on the Android and iOS operating systems. It was announced at Google's developer conference on May 18, 2016, and began its worldwide release on August 16, 2016.

A New standard for Teaching and Learning Online learning is catalyzing a instructive shift in how we teach and learn. There is a shift away from top-down lecturing and passive students to a more interactive, collaborative approach in which students and instructor co-create the learning process. The Instructor's role is changing from the "sage on the stage" to "the guide on the side." Constructivism this point of view maintains that people actively construct new knowledge as they interact with their environment. This is a student-centered approach in which students "co-create" • The learner as a unique individual. • The relevance of the learner's background and culture. • Increased responsibility for learning belongs to the student. • Motivation for learning comes from successful completion of challenging tasks. • Instructors as facilitators helping learners develop their own understanding of content.

It support cognitive leaning and asserts that learning is particularly effective when construct something for others to experience. This can be anything from a spoken sentence or an internet posting, to more complex things like a painting or a presentation. For example, you might read this page several times and still forget it by tomorrow – but if you were asked to explain these ideas to someone else in your own words, or produce a slideshow that explained these concepts, you would gain a deeper understanding that is more integrated into your own ideas. Collaboration As an instructor, you focus on the experiences that would best generate learning from the learner's point of view, rather than just publishing and assessing the information you think they need to know. Each participant in a course can and should be a teacher as well as a learner. Your job changes from being the sole source of knowledge, to being a guide and role model. You connect with students in ways that address their own learning needs by moderating discussions and activities in a way that collectively leads students towards the larger learning goals of the class.



Benefits:

- a. Convenience: 24/7 access from any online computer; accommodates busy schedules; no commuting, no searching for parking.
- b. Privacy of Learning: Some people feel intimidated by presence of peers during the learning process. If they do not understand certain sections of a course, they feel awkward to ask these questions in public. E-learning obviates this issue. Learning is a private experience. A section or an entire course can be repeated as many times as needed. Questions to an 'instructor' can be asked one-on-one through an on-line query-response system.
- c. Enhanced Learning: Research shows increased depth of understanding and retention of course content; more meaningful discussions; emphasis on writing skills, technology skills, and life skills like time management, independence, and self-discipline.
- d. Leveling of the Playing Field: Students can take more time to think and reflect before communicating; shy students tend to thrive online; anonymity of the online environment.
- e. Interaction: Increased student-to-teacher and student-to-student interaction and discussion; a more student-centered learning environment; less passive listening and more active learning; a greater sense of connectedness, synergy.
- f. Innovative Teaching: Student-centered approaches; increased variety and creativity of learning activities; address different learning styles; changes and improvements can translate to on-ground courses as well.
- g. Acceptance by Employees for Personal Development: Acceptance of e-learning systems is typically very high in the corporate world for one's personal development. This is because it allows one to follow-through on their Individual Development Plans in a focused manner
- h. Maximize Physical Resources: Lessen demand on limited campus infrastructure; decrease congestion on campus and parking lots.
- i. Outreach: Give students options; reach new student markets; appeal to current student's thus increasing enrollments.



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