
Pros and Cons of Digital Technology in Teaching and Learning

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Abstract

Teaching is a complex social, cultural and ethical process. In modern Technical Age, Teaching and learning through Digital technology has brought a revolutionary change but this revolution has its positive and negative features. A number of challengers are visualized on the very path of “Digital teaching Universe”. How to cope with digital challenges and how to achieve pre- determined destination must be meditated? In my paper titled “Pros and Cons of Digital Technology in Teaching and learning”, I tried to bring forth the advantages and disadvantages of Digital Technology in Teaching and learning.

Keywords: - Social, Ethical, Digital, Technology, Destination.

Introduction

Teaching is a tri-polar process where teacher taught and Technology are interwoven with pious flower of dedication diligence, and discipline. Modern competitive Era is a period of Digital technology. Our Honorable Prime minister Shri Narendra Modi Ji has cherished a dream of “Digital India” which undoubtedly has taken its mesmerizing flight with remarkable feathers. The nation of ‘flora and fauna’, India is enriched with Digital Technology .In every walk and talk of life, we human beings are laced with colorful thread of technology.

In such an existence, to imagine Teaching without innovative tools/technologies of present age is an Herculean task. Imparting Education in India from the very initial stage up to higher level process to students with superficial aids of Digital Technology is in appreciating process- Offline Education is provided to torch bearers of the nation at certain times with so many restrictions but through Digital Technology, the entire universe is limited in a small fist only.

Digital Technology has provided a vast space to every knowledge seeker “Everytime Everywhere” is decorated beautifully in “Digital canopy”. Teaching in the lap of ‘Digital Technology’ flourished amazingly in “COVID PERIOD” When all the institutions were physically closed imparting education was vibrantly opened.

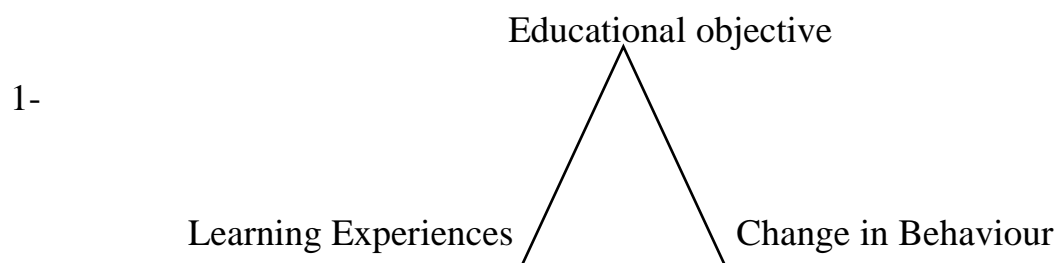
Online classes motivated the students even in such a critical phase of life. Online learning methodologies are innovative modes of teaching using technology with the aim to improve and enhance the quality of education and involves the student in the educational process.

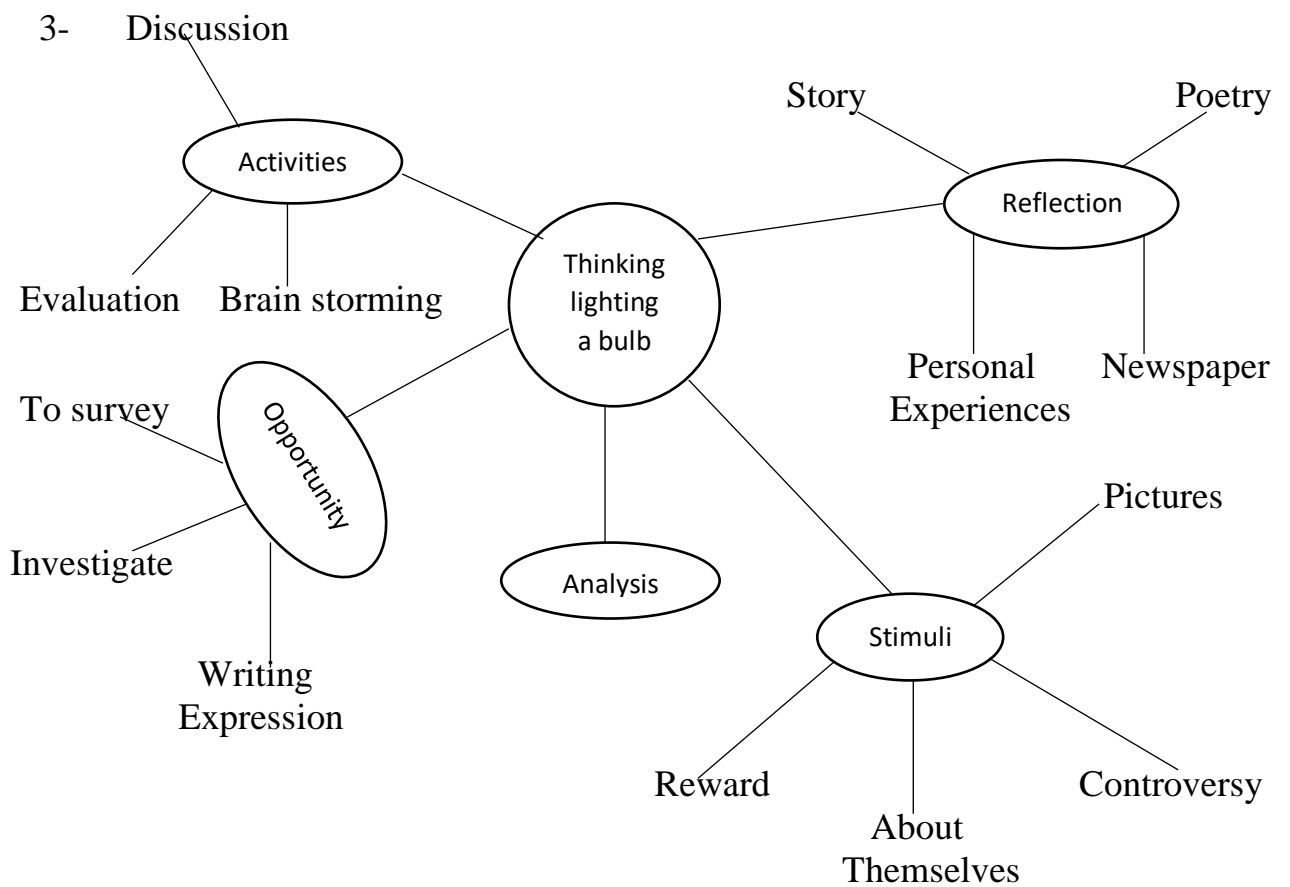
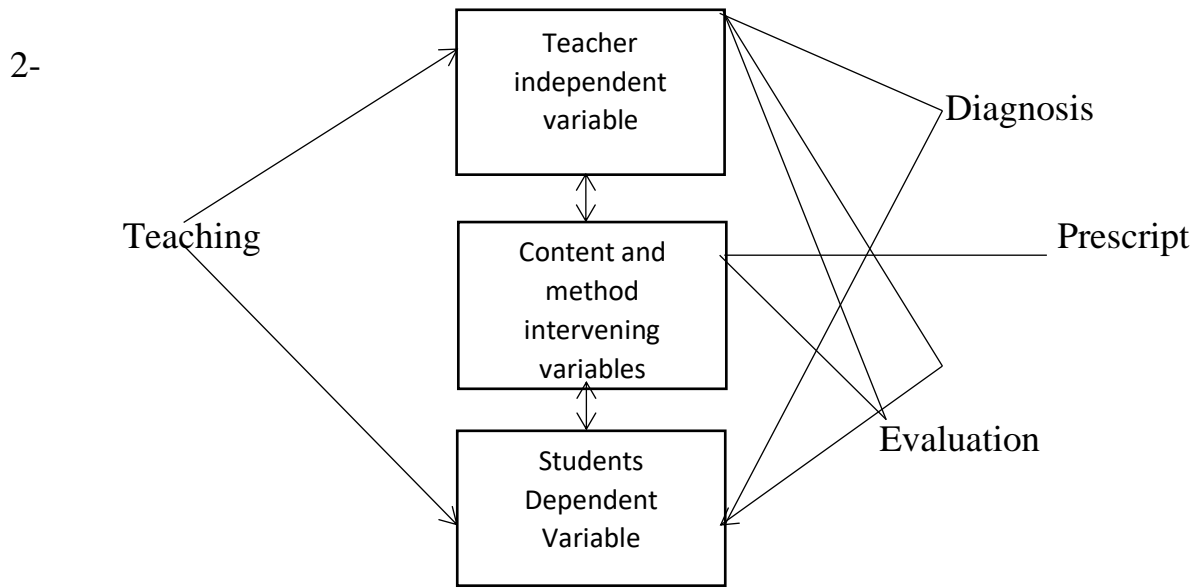
Undoubtedly, Digital Learning has been rapidly replacing the more traditional form of ‘face-to-face’ lessons. For educational purposes, digital products and services are unlimited.

Digital Teaching/learning has some incredible advantages for students:

1. Digital learning allows teachers or course planners to cater their learning ideas or syllabus to the individual student.

2. Another advantage of E-learning is that you can learn anytime and anywhere according to your comfort.
3. In case of missing any lecture or class through E-learning you can access the web-based content for unlimited time and can see and understand it again and again.
4. The teacher is in position to format his/her curriculum based on the needs of the individual. Digital Technology helps students to perform better and reach their full potential.
5. In digital world, the knowledge is free, ready and uptodate. It facilitates the best possible outcome in the learning journey.
6. With the assistance of supporting softwares, teaching and learning becomes a sweet journey for the teacher and the taught.
7. E-learning is also beneficial in term of environment because here information is stored in web instead of book which helps to save our environment.
8. Moreover, Digital learning develops accountability.
9. All the digital Resources are available to students 24 Hours a day.
10. In Digital Learning environment, its really very easy for a teacher to mark students strengths and weakness.
11. Digital learning improves written language skills. It also saves time and money. Students need not to buy or rent large volumes of textbooks.
12. Digital Learning is lively not boring. It's just a fun and engaging.
13. It gives an access to a Wide Range of perspectives and expertise beyond the confines of the physical institution.
14. Digital technology offers immediate feedback for both the learner and teacher. For instance, Twitter helps to guide the students, collect material and improves comprehension and discussion.
15. Digital technology invites learners to be more independent and the curricula to be more dynamic.
16. A language teacher with the help of language lab can make his/her teaching more effective than the traditional classrooms. Online tutorial, video recording, LCD, Audio Recording, External web location, interactivities teaching tips for common errors and pronunciation, functional grammar, building vocabulary power etc. are the facilities of language laboratory to enhance Learners skills.
17. There are many self-exercises in the Learners internet. www.eslgo.com is an interactive site where students can learn English Language with an ESL teacher. Through Digital technology a teacher is successful in achieving pre -determined destination his/her activities are based on these-





No Doubt, Teaching and Learning through Digital technology has brought a revolution in education which must be applauded whole heartedly but it is not without dark features and challenges which need consideration: -

1. Digital World has made Teaching and learning process mechanical. This pious bond between teacher and student on which our country India always felt proud is dead. A teacher not only imparts subject knowledge but He/she is a moral builder also. Through these mechanical devices how a teacher will be a character Builder.
2. In rural areas, education through Digital Technology is still just like day Dreaming. Poor facilities of electric supply, No internet, No Wifi-Creates obstacles.
3. The presence of technology can be distracting to student.
4. Thinking, Mediating, Analyzing and then to reach at certain conclusion is entirely lost because readymade material is always available.
5. Reliable and unreliable resources create a state of confusion in the mind of students.
6. Technology is a resource that not all families can afford. In Govt. Colleges which are in the rural areas students come from the financially weaker sections of the society so how to afford is a big problem for them?
7. Teaching and learning through Digital technology create medical problems for some kids.
8. Technology potentially damages cognitive development and reduces skills.
9. Learning through Digital technology can detract students from social interaction.
10. Teaching and learning through Digital Technology is creating rough stuff having no emotions and feelings. Human beings with no emotions are hardly defined. It's a huge loss How to overcome this, is a major issue and need to be meditated.

To sum up, it can be stated that Teaching and learning through Digital Technology is the need of the hour. It has brought a revolution in the field of Education. So many advantages can be noticed on the way threshold of upliftment but the major issues having negatives impact must be brooded. An Overall development of the torch bearer of the nation, to achieve Pre-determined destination must be the adorable objectives of imparting Education.

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