



OPEN ACCESS

**EIJR****Electronic International Interdisciplinary Research****Journal****VOLUME-XI, SPECIAL ISSUES- II****MAR - APRIL 2022***Original Research Article***DIGITAL TRANSFORMATION IN EDUCATION***Dr Anagha Shailesh Rane**Assistant Professor,**Department of History,**K M Agrawal College of Arts, Comm. And Sc., Kalyan***Keywords-** *Digitalization, education, technologies in education, digital culture, modernization of education*

**Copyright © 2022 The Author(s):** This is an open-access article distributed under the terms of the Creative Commons Attribution 4.0 International License (CC BY-NC 4.0) which permits unrestricted use, distribution, and reproduction in any medium for non-commercial Use Provided the Original Author and Source Are Credited.

**Introduction**

The COVID-19 pandemic has accelerated digital transformation in education as nearly 1.5 billion students across the world became deprived from their classrooms. Education underwent a drastic change, change which was something new for teachers, students and parents also. However, online education is not the only way digital technologies transform the teaching and learning experience. We explore how digital transformation affects education with key technologies and trends.

It was not so only in the field of education but no one would have guessed that a virus-like Covid-19 would come and without differentiating, it will alter the lifestyle of people. Due to Covid-19, many changes came to our world and it took some time for everyone to adopt the new normal. The Covid-19 impact was everywhere, which resulted in the closure of Schools and other educational institutions.

Initially, most governments have decided to temporarily close the schools and colleges to reduce the spread of Covid-19. Later it was reopened for a few grades, which increased the number of infection rates and then closed again. Though schools are closed, students are attending their classes through various education initiatives like online classrooms, radio programs.

Though it is a good thing happening on the other side, there are lots of students who didn't own the resources to attend the online classes suffer a lot. Many students are struggling to obtain the gadgets required for online classes. Teachers who are all experts in Blackboard, Chalk, books, and classroom teaching are really new to this digital teaching, but they are adopting the new methods and handling it like a pro to aid the students in the current position. It was really difficult for senior teacher to cope up with new trend of teaching. So on the negative side, many teachers are looking for an alternative job to support their families.

Educated parents are supporting their children throughout the pandemic, but we require to understand that there are some illiterate parents and their feeling of helplessness to help their children in their education. Many families had one phone so many children remained deprived from education.



There are students in India who came to school just because they can get food. The great midday meal scheme has helped many children who couldn't bring their food from the home to get their nutrition. Because of the closure of the schools, many students were suffering from not having enough food for their survival.

There is always a delay or cancellation of exams, which leads to confusion for many students and there is no room for curriculum. digitalization of education: the dehumanization of educational, and then all other social relations, the possible deepening of the crisis of people's intellectual culture, their ability to create, the growth of pragmatism and individualism based on the values of personal comfort and selfish consumption. With this practical and real relations, emotional bonds between teacher and students came to an end. Education plays an important role in modern life but due to digitalization of education it will not remain affordable to all class of society.

Digital leaning empowers students efficiency helps them to understand better. Students are able to learn different skills. It also helps to grow their confidence. Digitization has **no doubt changed** our education system, but we cannot say that it has diminished the value of our old time classroom learning. ... The best part about the digitization of education in the 21st century is that it is combined with the aspects of both; classroom learning and online learning methods. At end we can quote *"Technology can become the 'wings' that will allow the educational world to fly farther and faster than ever before; if we will allow it."* - Jenny Arledge Due to this we can start online courses, online exams, online books and even animation is possible which will help students for better understanding.

E governance in education-

Changes have been happening in traditional education. 21st century era is facing tremendous changes in administrative set up of education. Specially higher education introduced various methods which are fast, affordable and make administration smooth. Computers can be used extensively for educational administration. There are some of the areas where computers can be used for effective educational administration :

- General Administration
- Pay Roll and Financial Accounting
- Administration of Student Data
- Inventory Management
- Personnel Records Maintenance
- Library System

Technical and vocation education in growing rapidly in India. IT education is the need of time. Higher education in any faculty gifted with computer and internet. E governance is highly useful to all elements of higher education. For example

- Benefits to university
- Centralized information access from anywhere
- Increase in student enrollment ratio.
- Provide quality e-services, e-participation,
- Increase clearness



#### Original Research Article

- inventive teaching tools
- Improved decision making, Private Public Participation
- less paper work
- Benefits to students
- Increase participation in education affairs
- Personalized login for each students
- extensive saving in time cost & efforts
- iv) Information & transaction services
- Job opportunities
- Social connectivity for collaboration
- Students can access virtual lectures & Seminars.
- Students can solve their problems like- examination queries, result verification etc.
- (ix) Students can submit feedback to university
- Benefits to colleges
- Data can access easily
- Electronic data exchange with university
- Saving of hidden operational cost
- Instant statistical report generation
- Helpful for NAAC accreditation
- Overall education system
- Long term impact on organization goals
- Improve education system
- Empowerment of faculties, students & encouragement of their participation in governance.

Digitization has no doubt changed our education system, but we cannot say that it has diminished the value of our old time classroom learning. Neither do we want something so priceless to turn into dust. The best part about the digitization of education in the 21st century is that it is combined with the aspects of both; classroom learning and online learning methods. Walking hand in hand both act as a support system to each other, which gives a stronghold to our modern students. Digitization in education has also proved to be the right method for saving resources. Online examination platforms have restricted the frivolous usage of paper, directly confining the cutting down of trees. This way the digitization of education industry in the 21st century proves to be a boon to our society.

#### Conclusion

No doubt digital education will change the entire scenario very soon, it has various advantages like- plenty and 24 hours resources, recording facility, global connectivity, teacher can track progress of student, involvement of parents, increases employability etc



OPEN ACCESS

**EIJR****Electronic International Interdisciplinary Research****Journal****VOLUME-XI, SPECIAL ISSUES- II****MAR - APRIL 2022***Original Research Article***References**

Tom Siebel, Digital Transformation: Survive and Thrive in an Era of Mass Extinction

George Westerman, Didier Bonnet and Andrew McAfee Leading Digital: Turning Technology into Business Transformation

Tony Saldanha , Why Digital Transformations Fail: The Surprising Disciplines of How to Take Off and Stay Ahead

**Cite This Article:**

*Dr Anagha Shailesh Rane, (2022). Digital transformation in education, **Electronic International Interdisciplinary Research Journal**, XI (Special Issue -II) Mar-April, 54-57.*