

Digital Revolution The Impact of Technology on Fine Arts

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Abstract

Digital education is the most important part of society nowadays. It gives freedom of time so one can study anywhere and anytime. Education is necessary for everyone it gives wings to a person to achieve their dreams, their goals or anything that they want from life is all possible with education. Education gives knowledge that is learn from everyday objects To get an education it is necessary to go to school and then college or university for higher studies but that why impossible for many students because of the expenditure but digital education makes it possible now students can learn from their own places with the help of internet. They can learn a particular one subject in which they want to build up their career. Digital education provides a career also with education because it needs a teacher or instructor who is familiar with computers and can relate the subject to class. Digitalization gives opportunities for career and learning in both fields. Threats are just to know what your child did on the internet or their eye exercise must be done instead of these things digital education is the smarter way of education it contains less time and more knowledge. Learner can see video or audio clips or any image again and again to clear their issue on the subject. Education is spreads in many fields ie fine arts. Fine arts is a wide subject itself. It gives wing to the creativity and imagination of a person digitalization of fine arts gives more freedom to an artist to work freely with fewer objects. Only a laptop or iPad is required and all your brushes tools, colors, and textures are just a click away. One can collaborate online worldwide can learn new techniques, and new strokes also quality of colors reflects the knowledge of the artist.

Education:- Education is something which is a necessary part of human life. Everything that we can understand through knowledge is somewhere part of education. “a process of living not a preparation for future living” Dewey John. Education can be from person to person. Education gives the way for a brighter future one can achieve his/her dreams with the help of education.(www.academia.edu>defination –of-education) “Education is the passage to progress.” Person can be educated from his experience outside the home, and schools as well as from those within one of the basis of these three ---factors. “education is a process of living through a continuous reconstruction of experience (Dewey John)” There are three main types of education normally – formal, informal and non-formal.

Formal Education – formal education includes these five parts

1. School /college/institute
2. Hierarchical structure
3. Uniform, full time and proper
4. Subject-oriented
5. Certification/degree

Informal Education – informal education is based on these parts

1. Practical adult learning
2. Diversity in methods and contents
3. Built on learner participation
4. Real-life example of learning.

(passionededucation.com/types-of-education/formal-informal-non-formal)

Non-Formal Education – non formal education is the education that includes our daily life experience of learning. It has a long process because it gains with experience from home, the environment and the workplace too.

Education improves knowledge, it improves the way of living, and builds confidence. It plays an important role in the life of a person to achieve their goals and change their life in a positive way. Education makes human to a person it gives us the manner of how to behave and how to act it all depends on education. Every person has some dreams about their future, only education can alive them into reality. (Education+definition&spell=1&sa=x&veducation=2ahukwjhocpm5-rahvowhokhbTOBkg...)

Digital Education

Digital education is the modern way of learning for talented students this is also a fast way of learning it needs less time to cover a topic and create an environment for that subject. For example a teacher tells about the basic tones of colors verbally in front of students and on the other hand he represents the same topic with a digital medium students

can capture visible objects 9 better than a verbal conversation .(empowerinindiathroughdigital literacy(vol-1) Babu r.et.al)

Education is equal for everyone. Digital education gives wings to extraordinary ordinary and ordinary students both they can learn from anywhere through digital media. Education become easy with digitalization because in modern times it is possible to reach everywhere with the help of the internet and digital education is al based on the internet, photos, images, audio clips, and video lectures are all possible through the internet. It has freedom of time and this is the best part of digital education. Some smart students can learn objects just to see once but some of them need to understand a topic again and again. It is not so tough to rewind the video or to hear an audio clip again.

Digital education sharpens critical thinking skills, which are the basis for the development of analytic reasoning.(www.panworldeducation.com) Digital learning is based on the internet not on the classroom or any other class object. It just needs a projector, laptop and internet mainly. It is reachable to rural areas also it improves the knowledge and other skills of a student or learner. (www.asmaindia.in)

Digital learning resources are used to refer to materials included in the content of a course that supports achievers goals (flexiblelearning. Auckland.ac.n2/html/cous) graphics, images, photo, audio, and video representations are the basic elements of digital education. Digital education is something innovative for the good of students. Digital education is incomplete without digital tools. Digital tools a short definition, are any type of software or hardware that can be used for education (Lahiri,2011) these are very important in presentation for example group of students can create a slideshow instead of posters, which is interesting and attractive also. It increases the speed of communication. It helps students to learn from anywhere not only at school or home but also in the park, outside of home just on a click on their laptop or desktop.

Digital education is based on mainly three parts and these are –

1. Technical
2. Content
3. Instructor/teacher

Technical part – the term technical is the most important part of digital education. Technologies such as computer and the internet in the process of teaching and learning. (www.igiglobal.com/technologybased-education...)

Content – Content is second main part of digital education. Content refers to what to study, how to study, when to study, and by whom to learn. For example if a teacher teaches about a tiger so the images should be matched to his lecture or the other content that he/she wants to describe in class should be clear and well steeled.

Instructor/teacher – digital education doesn't mean that no need for a teacher or instructor to play a very important role in digital education. Instructors must be well-educated and well-behaved. He/she might know that how to behave in class and how to interact with new objects in front of students.

Digital education has four main elements TIME, PLACE, PROCESS, and INTERACTION. These elements are very necessary in digital education time is the basic part like when to teach and what to teach is under time. Place refers to where one can try to study there should be internet and some peace to interact with students. The process is all depends on the topic of study means it reflects on the choose part of audio lecture or a video lecture or just an image can say it all is depend on process of study and last but not least interaction of a teacher is the most important part of digital education because it's a tough task to complete interaction with students through online medium it is less difficult to give digital education in the classroom.

Opportunities In Digital Education

Digital education rapidly changed the environment of old education. It also changes business practice and societies. Along with a lot of opportunities digitalization comes with many challenges such as digital skills, learning, infrastructure, cyber security etc. The best and main opportunity of digital education is the ability to personalized learning years ago. The teacher only can imagine designing a curriculum that would be ideal for the skills deficits and performance of every student but digital education makes this dream true. (thetechadvocate.org/what-are-the-opportunities-and-challenges-of-digital-education)

Teachers now understand that collaboration increases student engagement and learning outcomes, digital pools help them in this students can brainstorm, research, organize and present what they have learned gar digital mediums. Digital education is personalized between the learner and the content through their device. Digital learning changes day by day it has become smarter as days are gone sometime before students only can appear in a video presentation which they could rewind rapidly to know the object correctly but nowadays teachers and students take online presentations and classes so that students can ask questions and queries also, it maintains the interest of student for learning. it hooks interest both intellectually and emotionally, builds interest from the learner ,and reveals a path forward ultimightly digital education should motivate action in ways that the learner has not previously considered.([smart medium.com/the-opportunity-for-digital-learning](http://smartmedium.com/the-opportunity-for-digital-learning))those days are gone when students and teachers both are bound by the classroom and blackboard Nowadays time education has become interesting with digitalization of learning is easier now because one can learn fast just by seeing that object clearly on video. Technologies are not about playing games online or watching animated movies and videos, it is about creating opportunities for more active and meaningful learning

experiences. Teaching become more and more interactive nowadays with the use of digital methods such as PPT, video presentation , e-learning methods, practical demos, online training and other digital methods. Students need to be taught basic, challenger and accelerators.(franchisendia.com/education/how-important-is-digital-education-forstudents.9131) How they could use the internet apart from playing video games. It is the basic duty of parents to learn their children what to learn and how to learn carefully. Digital education implants a child's life learning transformations like : motor skills, decision-making, visual learning, cultural awareness improved academic performances etc. Nowadays days online coding classes are on their high every parent wants to teach their child e- learning classes.

Digital education is the future of learning. it creates interest in the minds of students they want to know more about the subject they attract with the looks for example talking about the colors and looking at colors are two different things. One can remember the colors who can see them better than the that one who only hears about them in class. It is beneficial and supportive in rural areas also because nowadays internet is very affordable and direct-to-device technologies are empowering the rural student to improve their skills and knowledge. (<http://www.asmaindia.in>) digital education provides opportunities to both students and teachers with the advantage of new technology learning tools such as smart boards, MOOCs, tablets and laptops etc. and the best part of digital education is that you can create resources just once and use it multiple times for generations to come. In fact educational institutions believe that providing digital education is crucial to their growth and their long time survival. In India it is going to be the key face of education in the future. (Kulkarni s./ future perspective on digital education in India) social media also plays a very important role in learning. Many teachers and students use social media as an integral part of the e-learning experience. Digital learning is easier with the help of digital tools. Technology enables students to develop effective self-directed learning skills.(www.panworldeducation.com) digital education contains benefits and opportunities, Here are some opportunities given below: personalized education – the opportunity to help every student learn at the best pace and path for them is the most important benefit of digital education. It expanded learning opportunities. It contains high-engagement learning. It has an assessment for learning, collaborative learning and last but not least quality learning products. Digital learning is generation learning. (focusband.com>7-benefits-of-digital-learning)

Threat of Digital Education

Digital education is very advanced way of teaching it gives freedom of time to both teachers and students. But as per said above there are always some negative points including positive points and these threats include parental attitudes related to spending time around the digital devices. In some families computers and the internet are for

knowledge and educational purposes but at the same time for other families it just a part of entertainment. (Catalano-26) Digital teacher training is also a challenge. It is also noticeable what children do with the internet, it is a very interesting and applicable medium but students get health issues with this medium of education like vision blur, eye issues and mental issues.

Digital education contains both opportunities and threats and this education is the future of India. It contains knowledge of students fingerprints only a click can decide the future of a student. Parents need to be more attentive, they need to give time to their kids to give them knowledge of good or bad and how to get knowledge from the internet which sites are educative because education is the implantation of a fruitful future. Digital education gives opportunities to fulfill dreams at any stage of age, it just needs attention, concentration and real dreams to complete. Digitalization is the future and digital education is one of the best parts of digitalization.

Digital revolution of fine arts

Art is considered digital when it is formed on computer, we need to understand about fine art and what is fine art? Fine art is not just a word to say, it's a long way theory of expressions, emotions, thoughts and visual representation of images which are sometimes helpful for social media such as painting sculpture, printmaking drawing, decoration arts, photography and installation.

Something that is created with imagination and skill and that is beautiful or that expresses important ideas and feelings. It can be said art has the power to change the world through visual representation or other mediums as so as technology on the other hand also doing the same. Both art and technology changed as per requirements and they both define and continue to reshape the world we live in. The first attempt to bring together technology and art in the creative process takes us to 1967.

Digital technology reaches into everyday life, for both personal and business use computer with technology in the field of art years, before we used to draw or design some nature print, portrait or some texture we need a lot of material to bring with us like drawing sheets, pencil, watercolor, pastel or other medium to give some artistic opinion to our thoughts or to represent the visual as the same way as it was before but after the introduction of technology in fine arts a person/artist only need their notebook and the pen they can filter the image, colour with one touch, effects as per requirement water, pastel or other effect easily.

Advantage of Digital Art

Efficiency and cost-effectiveness-

An artist or Illustrator can work easily with no cost of time and money using digital tools and it could be published worldwide

Editable-

Meanwhile manual artwork is also editable but in digital artwork it's a way much easier to delete something or redo that object.

Portable-

Digital art can be extremely portable than manual or realistic art you don't need pencils, paper, brushes erasers and colors to paint to carry with you all the supplies you need lie in the program that you use and the stylus in your hand and you can use camera for photography also with the technical medium digital art can be moved from couch to dash in a matter of seconds this art is the best for vacationing long care tips. There is so much less to pack with and never have to worry about pain leaking something but in your bags. It's all right freely to move out with you as you wish.

It's clean- one of the best advantages of digital art is that no matter how long you sit and work on your digital masterpieces there will be nothing left for you to clean. Hands never get dirty with graphite and acrylic paint won't ruin some areas with technology digital art is much easier to use in watercolor it's a way easier to mix and everything you want in a good artwork is just a finger click away from you.

Knowledge of Tools-

In the field of art when we make an art we need a lot of space, color, proper lights (most important) and other tools brushes, water etc. but in digital art never have to worry about all these materials just a click on color -picker-tool and its done and if something went wrong in order then erase tool it is life Savier just a click away and the wrong thing which is done is clean or you can click on new page also.

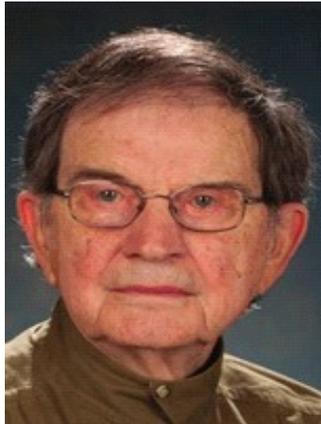


Digital fine arts tools-Drawing Tablet

Manually you need to finish series work one by one with more space and digitally one can work more than 5 sheets together. most art programs offer over 100 different types

of brushes for you to use and experiment with that note enough for you then there are even ways to create your own brushes according to work needs.

The technical revolution in fine art- art is considered digital when created by software on a computer program. It describes the use of technology in creative thinking and art making. Although the first digital art experience that back to 1980. its roots can be traced to the 1960s with artists. Digital art somehow changes the art world with the help of more than 100 brush tools, freedom of space and pages. One can work series very easily by opening 8 or more pages together. It also gives freedom of choosing color, stocks, and texture in just one click away and can also edit it very easily.” An American painter Charlie’s Csuri” better known as Chuck is called the father of digital art and computer animation and saved the field for artistic in the future.



Charlie’s csuri (father of digital art)

The digital term can be divided into different types of arts for example digital, Computer Graphics, animation, 3D printing, virtual art, internet art, interactive art, video games, and computer Robotics can be included in digital terms.

Digital art gives a platform to artists in front of worldwide to join and explore their artwork in front of viewers and their communication with them enhances the chance to change in works or on a personal level.

In India Digital art forms have been around for about 25 years the growth and popularity of computers coincided with the emergence of digital artworks digital artworks. Can be defined as only artistic creations that incorporate technology and digital media as an integral parts of the creative process. Thinkings or work produced by using digital media and devices like animations, illustrations, video animators, portraits, caricatures and many more can be classified as digital artwork. It has some main functions.

Functions of digital art

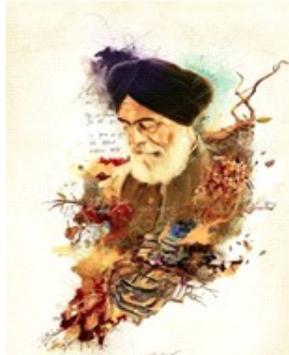
- Versatile- it can be computer generated scanned and altered or done using and tablets and a mouse video edits are instantaneous and reversible
- Permanence- it can remain indefinitely in a computer file format so cannot be disregarded by the environment.
- Perfect replication- it previously replicates the original work copies and the original are identity identical

The growing relationship between art and Technology –

Art and Technology have a complex but meaningful history of working together. They both evolved each other in the world today. The most important thing is through Technology the combination of art and digitalization is beneficial for both and the artist now artist itself had the confidence to upload his/her work online on the internet in front of worldwide. It gives him freelance and self dependability and also he/she gets to know what change they need to do their works, now one can see everything which is done in Arts on the Internet all although Museum collections are online and artist have the tools they need their fingertips to promote facing the challenges that come with physical exhibit. The relationship between art and technology has led to many exciting new piecec and techniques.significant innovations from the past couple of decades include lgenerated art,blockchain,virtual reality AI-generated art artificial intelligence the “next great art movements in this artist can blur the line between human and machine it offers a new kind of creativity however new findings never come without inheritance. Some argue that art generated through computer science is definitely not art or creative nevertheless the example image about created by Mario Klingemann, so we artists are continuing to experiment with combining art and technology further as one.

Blockchain is the way to tokenize the art .it refers to digital art,which has the capacity to be editioned on a blockchain.

Strong impact on minimal cost cost a minimal cost their digital platform can give a strong impression on the viewers mind. Exchange communication- digital art is indispensable to attracting online viewers. It enhances communication and viewers comprehension. Expand time for the creative input- digital tools can be quickly and easily applied, giving the artist more time to explore creative options. A person can be a good designer if you use creative and computer skills to design visuals for electronic technology platforms. This includes website designers, graphics designers, computer game graphics and special effects for movies or some exhibition themes here we give India’s best 20 digital Artists and the names are First Harshit Singh, Mumbai second Ankur Pathak- National and international award winner



Ankur Pathak digitak work-I Ankur Pathak digitak work-ii

Third Archana Nair 4th Jatin Arora, Kerala 5th Medha Srivastava 6th Mukesh Singh 7th Nikhil Shinde, Nitin Rao, Pavan Rajurkar, Pratima unde, Rahul Arora, Raj Khatri, Ranganath Krishnamani, seerow unni, sherya shetty, sri priyatham, sukantho debnath, uday mohite, vishnu, vivek mandrekar those are some most famous digital artists in India. Digital art Technology spread everything is getting more waiser as per requirement. Digital art makes human life easier in every way if someone wants to buy a bed for their room through digitalization they can use their creativity and make their life a way easier.

Digital art gives the option of digital marketing where direct-to-direct selling and buying options are involved without any profit, one can buy an artwork from worldwide which gives promotion to our villagers and small craft makers.

Conclusion

As a subject fine arts is very beautifully crafted in human life. without having knowledge of arts no one can live peacefully in this world. This knowledge of colors, arranging objects, and living objects all contain a beauty itself fine art gives us those eyes to view and arrange beauty as itself. Modern India is now digital in every way after fighting with coronavirus digitalization has been a revolution because everything is at your fingertip those days education, groceries, doctors etc. so fine arts also get revoluted nowadays artists are free to work from home and also work on customer demand for example an artist make an artwork and upload it to the site for buyers but one can need the same thing in different colors or texture so they can give their opinion openly and get the work on their demand it give swings to small village craftsman, digital artists and other small buiness to work with world best designers and can show them their imagination. The use of technology in fine arts is a very clever way to work with You need to collect a lot of pencils erasers rag cloth and colors brushes list is endless sheets and other materials we just need a laptop nd everything is under fingertip. one click and texture change water color effect, postal effect, and oil effect with countless color options is the best way to deal with your imagination and show creativity.

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