



IT AND SOCIETY

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1.1

THE MOST SIGNIFICANT DEVELOPMENT IN IT OVER 50 YEARS

- The Internet
- Personal Computers
- Robots and Artificial Intelligence
- Digital Media
- Mobile Phones

THE INTERNET

- The world's largest and most unruly library, it is a global news channel social media, research archive, shopping service and multimedia. the internet has transformed everything we once knew, it has updated our lifestyle in the major ways.
- In this day and ages without internet it is nearly impossible to go about your daily life.



DITIGAL MEDIA

- Digital media has updated our entertainment industry tremendously and help reshape it. nowadays, people can make music, animate, draw comics, make videos, edit pictures and videos all in a click or two.
- There are so many apps that make it so much easier to erase or edit something apps that makes it so much easier to erase or edit something in a picture or video.
- The differences are unnecognizable too.



PERSONAL COMPUTERS

- A personal computer is a general purpose, cost effective computer that is designed to be used by a single end-user. computer is dependent on information technology, which allows to set the entire CPU on a single chip.
- In the mid 1960s and into the 1970s, computers occupied entire rooms and were only affordable by universities and enterprises. these were accessed by computer multiple users via attached. That became popular in the early 1980s. 1980s technology had advanced far enough that small computer could be used and owned by a individual. they could use them to play games, and trade with friends across the globe, thanks to the computer.



MOBILE PHONES

- The mobile phones was first developed in the 1940s but it was not until the mids 1980s that they became widely available.
- This is an old mobile phone which would have been used 50 years before technology had evolved. mobiles are the most evolutionary invention of the modern technology. before the phone there was other ways of communcication, you could send a letter or use a telegram.



ROBOTS AND ARTIFICIAL INTEILIGENCE

- Artificial intelligence uses machine learning to mimic human intelligence. the computer has to learn how to respond to certain actions.it uses algorithms and historical data to create something called a porpensity model.



1. 2

HOW IT HAS CHANGED SOCIETY IN THIS TIME PERIOD

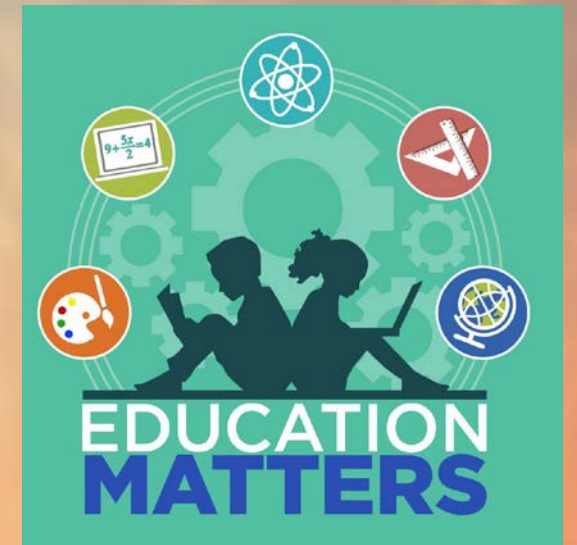
- Education
- Communication
- Entertainment
- Healthcare
- Research
- Travel
- Financial Services
- Marketing
- Employment

SOCIAL LIFE BEFORE AND AFTER I. T

- I.T is a universe source of information, a powerful platform used by all age groups geographically. two major components of I.T. that played pivotal role in making it popular are mobile technology and social media.
- mobile technology has largely made it possible to connect with people across the globe. social media on the other hand has introduced a new way of communication via facebook. twitter and other social networking sites. however, there was life prior to internet and it was much different. we can note various significant impacts of I.T in some of social sectors life:

EDUCATION

- Human memory fades away with time and it is the case with physical books, encyclopaedias. teenagers and kids no longer like to use physical books, they consider them bulky and cumbersome. once physical books were the only source of gaining information. now with e-books it is easier to gain more information and knowledge. google is the best teacher as it has answer for the questions.



RESEARCH

- Researchers used to spend a lot of time in library to read and refer books for better understanding of the subject material. They used to take down notes on paper that was hard to store. But I.T. has made all things easy now you can clip important text to the clipboard, highlight it, can make as many notes you want without thinking of how to store them. The concept of library is somewhat lost as all of us use Google to get information.



COMMUNICATION

- Internet has made worldwide communication easy you can now inform in time other party if you are late for meeting or want to reschedule it. also getting information about your loved one sitting at another corner of the world is much easier. no longer do you need to stand in pay phone queues, or to book a trunk call to hear voice of your loved one.
- thanks to I.T. personal or face-to-face communication has ended. we started to work differently we prefer sending emails, messages online rather than meeting in person. to know about a person, we check their facebook status or twitter account rather than contacting them in person. we prefer video chat, teleconferencing and other online mode of communication.



TRAVEL

- Earlier the concept of travel was to discover something. today, you can know everything about a place before you reach there. you do not have to wait for a bystander to give direction or guide you to your destination. there are a number of APPS and GPS that will do that all for you and will guide you in the right direction. you can now compare prices and book a cab, flight tickets, bus or train tickets easily without standing in lines. now all this is a tap away.



FINANCIAL SERVICES

- Gone are the days when you had to stand in queues to pay bills, transfer money and do basic financial operation. with the emergence of online banking, now you can transfer money to anyone anywhere, can pay bills online even can order food and pay online. using mobile wallets, one touch payments are now most common people are slowly forgetting the concept of dealing in cash and cheque. they only know now plastic money.



HEALTHCARE

- I.T. has made everyone his own doctor. just enter the symptoms you are facing and know the sickness even more prescribe medicine for yourself. technology has advanced but not to this extent, that you can rely on any and everything that you read online.



MARKETING

- The way of communication has a great impact on market. internet is changing marketing techniques. no more people like to buy things from a store they look for best discounts via online purchase for example amazon, souq and dubizzle companies are attracting users via content and by offering them delightful and personalized experience.



EMPLOYMENT

- Earlier employee productivity was evaluated by physical presence of eight hours in office. however, today things are different with help of I.T. web based tools and constant connectivity employers, employees both private and government can stay in touch. now you can work from anywhere rather than sticking to the seat a subicle accesses your work documents from anywhere and be productive and more creative.



1.3

HOW IT HAS CHANGED THE WAY PEOPLE WORK IN
THE LAST 50 YEARS.

- Technology has changed healthcare
- Technology have changed the automotive industry
- How technology has changed banking industry

TECHNOLOGY HAS CHANGED HEALTHCARE

- A number of industry analysts have observed that increased accessibility of treatment is one of the most tangible ways that technology has changed healthcare.
- Health IT opens up many more avenues of exploration and research, which allows experts to make healthcare more driven and effective than it has ever been.



TECHNOLOGIES HAVE CHANGED THE AUTOMOTIVE INDUSTRY

- Technology has already redefined the ways cars use fuel, with electr, hybrid and solar enrgy systems in cars beginning to displace the internal combmuston engine and fuel-fed engines as the driving force of the future.
- However, the growth of autonomous technologies and on going computers have simultaneously begun to increase user interactivity whist decreasing the need to take direst control of driving.



HOW TECHNOLOGY HAS CHANGED BANKING INDUSTRY

- Many banks have modernized their services with the facilities of computer and electronic equipments. the electronics revolution has made it possible to provide ease and flexibility in banking operations to the benefit of the customer. the e-banks which may call as easy bank offers the following services to its coustomers:
- Credit cards
- ATM
- E-Cheques
- Electronic funds transfer
- Mobile banking



- Internet banking
- Telephone banking
- Electronic data interchange

2.2

THE IMPACT OF IT AN INDIVIDUALS OF LIVING IN THE INFORMATION AGE

- The political impact of IT
- The economy impact of IT
- The Social impact of IT

INFORMATION TECHNOLOGY:

- Information technology, widely known under its abbreviation I.T. is defined as the science and activity of using computers and other electronic equipment to store and send information.
- many areas of public health, including vital statistics, investigation and research, surveillance, epidemiology, surveys, laboratories technology, maternal and child health, and environmental health, use information technology I.T. to achieve their goal and objectives. I.T includes the use of computers and communications, and the transformation of data into information and knowledge I.T

1. EFFECTS ON EDUCATION

- Information technology has made the education process more effective and productive. it has increased the well being of the students. developed methods of education have made this process easier, such as the replacement of books with tablets and laptops. moreover, the emergence of e-learning platforms that allows students to learn from the homes. these platforms can be an effective alternative for people who are out of school or who have difficulties keeping up with their teachers in class. these platforms gives students the chance to review the courses with simpler and more concrete explanations at every moment, and this reinforces the educational process and leads to better results in school for of the students.

2. EFFECTS ON THE HEALTH SYSTEM

- In the field of medicine, medical devices have known a remarkable development. They have become more efficient. IT has entered these devices and turned them into digital devices that facilitate their programming and handling. Thanks to IT sectors like artificial intelligence, the world has witnessed distance surgeries thanks to robots, the implementation of artificial members as artificial legs, hands and even artificial cardio-aortic valves.

IMPACTS OF INFORMATION TECHNOLOGIES

1. THE POLITICAL IMPACT OF I.T

- Technology holds the role of power. information technologies play a decisive role in the political landscape of countries. they have become widely used in electoral campaigns to influence public opinion and especially to involve young people in the political life.
- politicians use technology in many ways to influence the growth of different individuals in their respective sphere the likes of twitter, facebook and youtube are powerful communication media playforms that can easily raise the ratings of politicians. technology is a defining factor in most political races. through technology, politicians able to access funds, gains political support and spend less on campaigning and pushing their candidacy.

2. THE ECONOMIC IMPACT OF I.T

- Information technology is an all pervasive change, which affecting the design of many existing products and services, as the mode of producing and marketing almost all of them.
- the world economy is in the midst of a transformation. internet, mobile technology, social media and big data trends, and nowadays, we witness big technology trends that are transforming society as well as business and economy.

3. THE SOCIAL IMPACT OF I.T

- Information technology has changed the way people perceive reality and it caused quite a disorder in some concept and perceptions.
- Modern technology has changed our perspective on many concepts. It also changed our dealings with many traditions and customs that were once considered sacred and the pillars of society.

The background features a dark blue rectangular area in the center, which serves as a backdrop for the text. This rectangle is framed by diagonal lines in the corners, transitioning from dark blue to a lighter blue. The entire image is overlaid with a dense pattern of thin, wavy, light orange lines that create a textured, organic feel. The overall color palette is a mix of dark blue, light blue, and light orange.

THANKS!