



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's 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 busy, 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

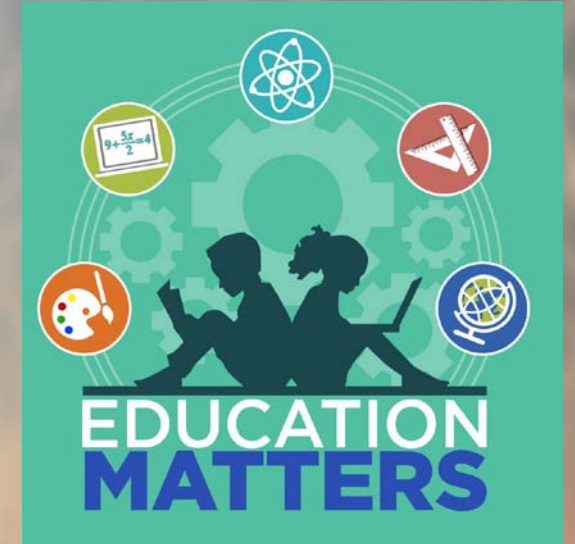
- Education
- Communication
- Entertainment
- Healthcare
- Research
- Travel
- Financial Services
- Marketing
- Employment

SOCIAL LIFE BEFORE AND AFTER I. T

- I.T is a source of information to world, a flexible medium commonly used by all age groups. two important components of the I.T. Mobile technology and social media played a pivotal role in making it popular.
- Mobile technology has allowed people across the globe to communicate to each other. on the other hand, the socail media has created a new way of communicating through facebook. twitter and other websites for social networking. there was life before the internet, though and that was a lot different. in some social fields, we can note numerous significant impacts of I.T. life:

EDUCATION

- Human memory is declining over time and physical book, encyclopedias are the case. teenagers and children no longer like using physical books, they think they are bulky and heavy. once the physical books were the only information gathering source. it is easier to gain more information and knowledge now with e-books. google is the best teacher as it offers answer to questions.



RESEARCH

- Scientists used to spend a lot of time reading and referring books in library to better understand the subject matter. They used to take notes which were hard to store on paper. But then I.T. now you can clip important text to the clipboard, highlight it, make as many notes as you would like without thinking about how to store them. The library idea is somewhat lost since we're all using Google to get details.



COMMUNICATION

- Internet has made worldwide contact simple if you are late for meeting or want to reschedule it, you can now notify other party in time. it is also much easier to get details about one of your loved ones seated at another planet corner. you don't have to wait in payphone lines anymore or book a trunk call to hear your loved one's voice.
- Thanks to I.T. personal or face-to-face communication has ended. we started to working differently and tend to send emails, messages online instead of meeting in person. to get to know a person, we check their facebook status or twitter account instead of contacting them directly. we prefer video chat, teleconferencing and other online communication methods.



TRAVEL

- The idea of travel used to be to discover something sooner. today, you can know everything about a place before reach there. you do not need to wait until a bystander gives you guidance or direction or directs you to your destination. there are number of APPS and GPS that will all do that and guide you in the right direction. now you can easily compare prices and book a taxi, flight tickets, bus or train tickets without being in lines. all of this is a tap away now.



ENTERTAINMENT

- We also remember the days when you had to burn or borrow custom music CD's from mates. all of that was in the past. for I.T, you have got everything in one place that you want. there's no need to wait for friends to play games, because online games are an alternate to that. you do not have to wait for TV shows to be on air, because you have them now. no need to go to cinema to watch the new films. netflix is there to entertain you.



FINANCIAL SERVICES

- Gone are the days when you have had to stand in queues to pay bills, transfer money and do basic financial operations. with the emergence of online banking, you can now transfer money to anywhere, pay bills online even order food and pay online. using mobile wallets, one touch payments are now commonplace people slowly forget the idea of cash and cheque trading. we know about plastic money right now.



HEALTHCARE

- I.T. has made each a doctor of his own. just enter the sign and learn the illness even more about administering your own medication. technology has advanced but not so far, that you can rely on any and all of the things you read online.



MARKETING

- The way it is communication has a great market effect. web marketing strategies are evolving. no more people like to buy stuff from a store looking for the best deal through online shopping, for example amazon, souq and dubizzle companies attract customers through content and give them a fun 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 software and continuous collaboration staff, both private and government employees will stay in touch. now you can work in a form anywhere instead of sticking to the seat asubtitle accesses your work documents from anywhere and is more productive and 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 how vehicles use fuel as the driving force of the future, with elector, electric and solar energy systems in automobiles starting to displace the internal combustion engine and gasoline-fed engines.
- However, the growth of autonomous technologies and on going computers have simultaneously started to increase user interactivity whist decreasing the need for direst driving control.



HOW TECHNOLOGY HAS CHANGED BANKING INDUSTRY

- With the computer and electronics equipment facilities several banks have modernized their services. the revolution in technology has made it possible to provide the consumer with easiness and versatility in banking operations. the e-banks which can call as easy as the bank offers their following services:
- 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, known by its abbreviation I.T. is known as the science and operation of using computers and other electronic equipment for information storage and sending.
- Many areas of public health areas, including vital statistics, research, surveillance, epidemiology, surveys, laboratory technology, maternal and child health, and environmental health, use I.T. to achieve their goal and objectives. I.T includes the use of computers and connectivity and the transformation of data into I.T. knowledge and information



1. EFFECTS ON EDUCATION

- Information technology has improved the efficiency and productivity of the education process. it has improved student well being. developed instructaches have encouraged this change, for example replacing books with tablets and laptops. ever step, e-learning platforms are emerging that enable students to learn from the homes. such networks can be an important alternative for people out of school or struggling to keep up with their teachers in college. such founs provide stuents with the opportunity to review the classes at all times with clearer and more concise descriptions, strengthening the educational process and leading to better outcomes for the students at school.

2. EFFECTS ON THE HEALTH SYSTEM

- Medical devices have seen a fascinating advancement in the field of medicine. they grew more powerful. such devices have been entered by IT an made into digital devices which facilitate their progamming and handling. due to IT industries such as artificial inteligenge, the world has seen distance surgeries due to robots, artificial members being artificial legs, hands and even artifical cardio-aortic valves.

IMPACTS OF INFORMATION TECHNOLOGIES

1. THE POLITICAL IMPACT OF I.T

- Technology is the mainstay. information technologies plays a crucial role in the countries political landscape. in electoral campaigns, they have become commonly used to influence public opinion and particularly to include young people in the political life.
- Politicians use technology in many ways to influence the development of different individuals in their respective worlds where the likes of twitter, Facebook and YouTube are effective means of communication media playforms that can easily raise politicians ratings. in most electoral campaigns technology is a defining factor. politicians are able to acess funds through technology, gain poitical support and spend less on campinging and pushing their candidacy.

2. THE ECONOMIC IMPACT OF I.T

- Information technology is an all encompassing transition that affects the nature of many current products and services, as almost all of them are the mode of production and marketing.
- The global economy is going through a transition. web, mobile technology, social media and big data patterns, and nowadays, we are experiencing tremendous developments in technology that are changing both industry and economy.

3. THE SOCIAL IMPACT OF I.T

- Information technology has changed the way people perceive reality and in some definitions and measures, it has created quite a disorder.
- 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.



THANKS!