



## IMPACT OF TECHNOLOGY IN HUMAN LIFE

P L Ramesh

Head, Department of Computer Science, K. B. N. College

## ABSTRACT

Technology played a vital role in the development of various industries like banking sector, education system, changed the entertainment world, agricultural field and it has restructured many businesses. We can't measure the impact of technology because it is still changing the way we do everything. The emerging technologies of computer will be change our lives for the better by 2020. However technology also has some negative impacts, we need to retain control to ensure that these developments do not impact negatively on basic human values. In this paper, I have listed some of the advantages and disadvantages of the impact of technology in human life.

**KEYWORDS :** Technology, Human life, Business, Agriculture, Entertainment.

## I. INTRODUCTION:

Technology is a concept that will never end. New devices will be released and then refined just about endlessly. Not even if or when we start running out of resources, because we would have recycled parts to build new technology and we will build new technology to possibly refine available resources or even find another planet that has the same resources. Technology now is a concept that we cannot survive without; an average North American person needs technology to eat, to entertain, to cook, and to do many other daily functions. Let's face it we need technology to survive. But this is to an extent, for example a computer can be one of man's best friends, it helps us write documents such as the one you are currently reading, it helps us obtain knowledge through the internet, and it helps us entertain ourselves with games, movies, and music. But the computer can also have side effects, to our behavior, and even to our appearance. Some children get so entangled in this technology that their eating and sleeping habits change and along with their behaviors. Not just on the computer, even just playing on gaming platforms such as the Xbox or the PS3 or even iPods, they can all change the way we eat, sleep, and behave. While children play on computers or gaming platforms, they get so involved that they begin to avoid eating and sleep later to play longer, but the games they play really can change their usual behavior, shooting games or fighting games can make them more violent, strategy games can make them more strategic (slightly), and racing games can make them aggressive drivers, it all depends on how much you play and how addicted you become. But gaming can also lead to a loss of physical activity, when someone is addicted to a game, they refrain from leaving the house until they reach a certain 'achievement', until they win a race or even until they 'die' in the game, this behavior can cause us to gain weight and/or become obese because we also begin snacking more instead of eating proper meals and we stop exercising often.

Technology has changed the way we as humans live; it changes our understanding of the way things work and changes the way we interact with one another. Technology was once opposed but is now somewhat welcomed into our homes. During the renaissance period, technology was opposed, as the church believed that technology would oppose the beliefs of god. Well they were right. Technology isn't just computers or TV's, its engineering science. And in Science, our goal is to progress and understand everything there is to understand about us, our planet and beyond. However, the way we understand and experience this concept the most is that its just to make our lives much more efficient. When you look around, what do you see? Just at an intersection in downtown New York or Los Angeles, you see people walking around with cell phones and carrying around laptop cases, other's just listening to music. But then the companies that build these types of technology want to make them better and more efficient. So they keep releasing new devices that are smaller and faster and mostly more costly.

## II. IMPACT OF TECHNOLOGY IN VARIOUS INDUSTRIES:

1. *Impact of technology on business:***Advantage:**

- Businesses have use technology to gain competitive advantage over their competitors. If a business uses technology to improve on its services or products, its customers will be impressed and they will become loyal to that business as well as invite more customers through word of mouth. Advanced technology can result into better customers service and production of high quality products or services.
- Business to consumer communication has been improved by use of technology. Now a business can easily communicate to its clients to know how they feel about their services. The information collected is used to improve on the services of the business which results into business growth. For example, businesses can use social Medias to hold product surveys.
- A business can use technology to recruit and train newemployees. Now days there unlimited Job boards online were companies post jobs and applicants apply through that online Job board. This simplifies the all process of hiring and it saves time.

**Disadvantage:**

Even though we use technology to solve operational costs in business and increase on productivity. To buy the machine which will replace 10 humans to perform a certain task is quite expensive. This machine will require continuous maintenance and a standby technician to operate it and fix it in case it brakes down. So technology is expensive as well.

2. *Impact of technology on education:***Advantage:**

- Technology has made education remote. With the help of internet technology, online education has become a strong force in the education sector. Now students can study courses which are provided in other countries without having any boundary limitations.

**Disadvantage:**

- Though technology has made learning so easy and cheap, students get exposed to data which is not approved and many times they just copy and pastes this information they acquire online without any deep research on whether the data is correct. This has increased on the level of misinformation and failure of exams. My advice to students, is that, "Not what ever is published online is correct" analyze the data and discuss with friends before submitting that data.

3. *Impact of technology on society:***Advantage:**

- Technology has made movement so easy and cheap, technologies like automobiles, airplanes, speed boats , electronic trains, have made moving from one place to another so easily.
- Technology has improved on how we connect or discover new relationships. With things like mobile phones, and internet social Medias, people can connect with each so easily then before.

#### **Disadvantage:**

- As much as we're embracing technology in most developed countries, there is a big group left behind and they might not even get closer to the way we use technology in the first world. For example, the invention of e-wallet is a good technology which will help you to pay for anything via your iphone, but as good as this technology may be, many countries in the third world can not use the service.
- Social networks and text messaging technologies have played a very big role in connecting people more than before, but what is funny is that , the number of people who spend time alone is increasing. You will find a person spends more time in the virtual world chatting with strangers "virtual friends", a user will have over 500 friends on a specific social network, but they have no real friends in the real world, WHY? Because they spend most their time in the virtual world and give up on getting real friends, which results into loneliness and cyber-sickness.
- Now days most airlines use this virtual reality technology to train their pilots on how to react effectively in adverse conditions. So during this training, the pilot will be presented with a challenge in a virtual reality form and they will be guided on how to over come that task. For example, many pilots are faced with bad weather, and defective engines. The pilot will be presented with the same challenge in a virtual reality world and they get training on how to overcome the challenge.

#### **4. Impact of technology on agriculture:**

##### **Advantage:**

- With the introduction of genetically engineered crops, farmers out puts have increased. These crops are engineered when they can stand harsh conditions as well has survive pests and diseases. They grow very first and the farmer gets back their return on investment (RIO) very first.

##### **Disadvantage:**

- Farmers have resorted to using chemicals and engineered fertilizers so that their plants grow faster. This has worked for the farmer in the short run, but after a while, the soil losses its natural fertility and the farmer will have to depend on artificial fertilizers which are expensive in the long run.

#### **5. Impact of technology on banking:**

##### **Advantage:**

- Banks have improved their services by using technology to introduce electronic banking. Customers can use online banking facilities to transfer money or get financial information, they can also use smart cards to withdraw or deposit money on their accounts.

##### **Disadvantage:**

- As we try to replace cash money with e-cash, we are faced with a problem of losing money very first. Why? E-cash is simply an electronic file, so this file can be interrupted across the network and you will lose your money in a second.
- Today so many hackers monitoring online and theft the electronic file transfers, though most merchants have formulated a trick of encrypting the files, but still these hackers find their way and access the data.
- Another lop hole is the exposure of financial details to dangerous people. Most of this information is stored on our computers. However, when you connect to internet, your computer will be assigned with an IP Address, and an

experienced hacker can access your computer via your IP and take advantage of all your financial details.

### **III. CONCLUSION:**

I'm not saying technology is bad, Technology is changing the way we live, changing the way we interact, it lets us understand the world better, and it helps us write documents, do our homework, make money, present neat computerized presentations, and even edit documents with others in real-time. But what I am saying is that technology is evolving, to engulf us into different activities. There was a presentation at DICE (a creative design convention) where a design professor had very interesting arguments. He called his presentation, "design outside the box" he said, "Technology changes the way we do things, it's literally turning our lives into games, who knew that Ford built a car so intelligent that it knew if you were driving efficiently, and would grow a computerized plant around your speedometer" but then he introduced an idea that made the audience think if this was to really happen? He said, " In the future, we are going to be engulfed in points, in a point system where you get points for eating a healthy cereal, for taking the bus instead of a car, for showing a tattoo which shows 'ads' with 'E-ink', where you would get points for watching a certain advertisement on TV or walking or biking to work." He made me think, is this really going to happen? Well if it does, it's going to completely change the way we live, we will be engulfed in a game, and a computerized game not just the 'problem solving' game that we call life but a game for points, full of achievements to win. We will stop eating our favorite food because we wouldn't be getting points for them and not buying certain things because we won't get points for them.

To conclude, I believe in technology, I completely support it, but only to an extent. I say go ahead and enjoy what technology has to offer, learn about the world we live in, entertain yourself and engulf in it. Just until it doesn't affect your appearance or the people around you and especially the person in you. Think about it like this, we as humans made machines we can't let machines make us who we are.

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