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Effects of Technology on Globalisation

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ABSTRACT

The technology at present is playing an important role in every sphere of life. In nearly every corner in the world, it can be seen that how people are busy texting through phone, checking and sending their emails through phones or on their respective laptops or even seeing people busy surfing at café. Therefore, on top, the information technology (IT) is ever changing field which requires regular updates. The changes in the technology can be considered as the facilitator and an urge towards globalised processes. The technology is defined as the interaction and socialization towards the production of the goods and services. The technology comprises of five important attributes and they are production, knowledge, instruments, possession and change. The production means the goods and services, e.g. use of technology in producing goods (e.g. clothes, cars, television) or service (online banking). The term knowledge implies to the fact that the technology is a result of so many intellectual activities. The instrument as the third element is the use of the technology by the human beings so an example of the instruments is the computers, vacuum cleaners etc. There is also a relationship between the technology and the possession. Therefore, the term possession means to possess something so the people who possess the technology also control it. The technology has also something to do with the change that is taking place. The change had taken place drastically due to the rapid progression in the technological aspect. The example can be the use of the technology to buy the products (clothes, electronics, phones, laptops) from any part of the world and also can be delivered to any part of the world. This is because of the technology and how it had led to the change in the world. The ideas that had made things easier to exchange and to know each others' culture is because of the technological advancement. It can be concluded that though things have been made easier by the use of technology and how it had impacted on the whole world but the rapid change is leading to the problems as humans cannot survive till they update themselves with the technological advancements.

1. INTRODUCTION

In the present era, the technology seems to be an important component in every corner of the world, therefore it can be from the smallest village of the world to the most developed part of the nation. It is seen now days that one cannot enter a internet café and even if it's walking down a street and not finding anyone who is not on the mobile phones involved in one or the other task. The people would always be involved in either buying one or the other products online or even if they are surfing out things, texting and other electronic gadgets. Information Technology (IT) is a source that is available everywhere and is a component and attribute that has changed the living and the thought processes of people.

The world full of Information Technology is itself an ability one an individual to communicate with others and therefore it is referred to as the series of different developments which has led to many changes and is known as the "IT revolution" and has been an important characteristic in changing about the economies and the societies as a whole around the globe.

2. INFORMATION TECHNOLOGY

The Information Technology is a driving force towards globalization. From the time line of early 1990s the concepts like computer hardware, software and other telecommunications have led to the increase in the ability of the people to be accessible to the information. According to the online source of A project of Suny Levin Institute (2014) on Globalization It has been seen that over past five to ten years of period the social networking websites like Facebook, Twitter, Instagram are changing its scenario from time to time and how people are accessible to it for online shopping as well and to get themselves acquaint with the latest trends. These social networking websites have been used for the personal, commercial and political purposes. The information technology has been in use in a more creative and innovative use to promote the new products that an organization launches and to get its awareness among the audience at large throughout the world. The IT has been a channel in the process of global integration where the efficient and effective means have been provided to exchange the large and much needed information through one online medium.

3. ADVANCES OF INFORMATION TECHNOLOGY

The information technology had led to the change and declining in the cost incurred but therefore had led to the increase in the digital technologies. Darrow (2012) had concluded that the microprocessors had continued to have its trend as an ongoing phenomenon.

The rapid advancements in the fiber optic technological changes had also led to the revolutionary acts in the IT fields. In United States of America, the rapid change in the technology sector have actually increased a demand of the software developers so that the information can be processed and market sector in all spheres can progress just by sitting at the home. The software has bought about so much of change in this globalised world. There are new jobs that have given rise to hire IT Professionals and it will as a whole benefit the organizations and a society as a whole. The increase in the number of the tech jobs will benefit the society therefore for that individuals need to have the degree in technology.

According to Mann (2003) concluded out that the jobs of information technology through the education in technology will lead to the reduction of the jobs for the offshore workers. According to the

projections, the innovation of the software and development in the IT services will lead to the flow of the new sectors and businesses will further grow to the ultimate level and will yield higher percentage of the job demands of the IT workers.

4. IMPROVEMENTS IN HEALTH, EDUCATION AND OTHER SECTORS

The change in the technological areas have lead to the improvements in the sectors of health, education, journalism and therefore in other government sectors too.

The progression of information technology has lead to the improvements in health care system, in the areas of imparting education and other government services and therefore all these have led to the improvements in the geographical areas by improving the quality of life.

In health care, the following changes have been done through IT sector and they are as following:

1. Controlling and preventing infectious diseases.
2. Interaction with the health care provider
3. Information can be exchanged and forwarded in a rapid way.
4. Improvements in the responses of any outbreak situation.

In education sector, the IT sector have provided with the enough opportunities by overcoming the barriers by giving distance education and to stand along with the regular students for getting the jobs. The IT sector have grown considerably in education sector where the study material and assignments are uploaded straightaway on to the organizational websites.

The use of Information Technology is not just limited to providing the lessons or the notes but also to provide enough training to the employees so that they learn more through the use of the latest technology. The concept of distance learning has been around in the country for a longer period of time. The learners enrolled for distance learning have been listening to the videos or the recordings of the classroom activities or the classroom lectures, giving presentations to the learners and also such educational programs are delivered through the televisions.

The use of technology can lead to the increased level of self-esteem and confidence among the students, which in turn leads to the higher level of learning. It has been seen that the change in the technology will lead to the change in the classroom environment and this will benefit both to the students and the faculty by developing different methods of educating the students. According to the research by Morrison (2013), introducing the technology in to the learning environment had developed a concept of student-centered where all the formal activities are done keeping student in view so that the students learn more actively, therefore encouraging the cooperative learning, and therefore it lead to positive influence of the student and teacher interaction.

The technological change in government sector have enhanced the interaction between the citizens and the government in many ways. The concept of “e-government” have led to the increase in awareness, efficiency and effectiveness of the different tasks of the government services. The e-government is a step towards the goal of good governance which includes accountability and transparency.

In general, the information about the different activities of the government should be constantly available so that the public should be aware about the different policies and programs of the government. With the emergence of the technology, the government can provide its citizens rapid and free access to the documents and the records of every citizen.

5. CONCLUSIONS

It can be concluded out that though technological changes in a society is hard to quantify. There has been a tremendous change and shifts in the market and how the trends have changed where new organizations playing an important role through the use of technology and leading to the new processes within the globalization. There have been an effective and efficient ways to provide and enhance education at larger scale so that minimum people are left uneducated.

Though the negative part is that the trend of an information technology have led to the decrease in the employment. The innovation in the job market have led to the decrease in the percentage of working people.

But taking much more in the positive aspects of technological changes therefore the public at large being benefited with quickest possible way to reach at the audience.

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