Information Technology is a Life Changing Tool

1) Introduction

Thesis statement: Life of living thing especially life of every human has been changed by the information technology. However, human lifes are countineously changing with the use of information technology. Although, some people think that techologies are not playing their role to change human lifestyle and society, but in reality, we can observe the change at some extend (SP)

2) How humans lifes are changing with the use of information technology.

3) Information technology is a life changing tool (Thesis)

   a. Connects the world globally for communication.

   b. Promotes Industrial, Agricultural and Businesses.

   c. Tool for Online education and trade.

   d. Source of diseases treatment and diagnosis.

   e. Control crimes and illegal activities.

4) If considered useful and life changing, it is also bad change for some people. (Antithesis)

   a. It is an open way for evil —

minded people.

    b. It promotes corruption in Business, Agricultural and Industrial sector.

    c. Makes students lazy and also contributes in trading scam.

    d. Patient's personal health related data can be easily stolen.

    e. Criminals use it in Dark web and promote pornography.

5) Despite of its negative changes in human life, it is changing human life Positively and efficiently. (synthesis)

    a. Evil-minded people are everywhere

    b. It controls corruption in different sectors by high Security and proper check and balance.

    c. Makes students creative and self dependent and secure trade system.

    d. If patient's data will be stolen then, it will be the fault of management, not information technology

    e. Artificial Intelligence based Robotic systems control dark web and spreading pornography.

6) Conclusion

In an Ancient era before French Revolution, people were believed in the "Theory of Divine Right." According to this theory, people and the king were believed that the God had given all powers to a king. The king had right to control people according to his self interest. But, at the time of "enlightenment", some philosophers had been playing their role to unveil the reality of the king and his nobels. First "text printer" was invented by at the time of enlightenment which was used by some philosophers to convey their messages. It was a time when technology played the its role to change the lifes of millions of people. However, we can understand that how technology has been playing its role to make human life easier. life of living thing especially life of every human has been changed by Information technology. However, human lifes are countineously changing with the use of Information technology. Although some people think that technologies are not playing their role to change human lifestyle and to change human lifestyle and

society, but in reality, we can observe the change at some extend. Information technology is an easy and cheaper way to communicate all over the world. It plays an important role to enhance industrial, agricultural, trade, education and business sectors. It helps to treat the ill person in a faster way. Cyber security system is also improved by the role of technologies. However, some people think that technologies are the weapons which are using by the criminals in Dark web, trading scam, promotion of pornography, enhance corruption in public and private sector and personal data also stolen by criminals to satisfy their evil thoughts such as blackmailing. Furthermore, students have also negatively effected by information technologies. Inspite of its negative effects, humans lifes are become more easier. We can prevent corruption by installing well-programmed robotic system and to secure human's personal data. Anyone can easily extend his business all over the world by using online websites and servers. (328)

Human life is a dynamic process, not static. One side of dynamic nature of human being was highlighted by the Darwin in his "Theory of evolution" but, on the other side, humans lifes are also changing by the progress of information technology. Our lifes are countineously advancing after the invention of technologies. As a proof, we can observe that into the History of humans, they were lived in the caves and forests. They were not able to understand the outer world such as universe, star, planets etc. They were not able to find out the solutions of their problems in a short time period. But after stone age, human experienced bronze age, iron age, industrial era and at the end fifth generation era. This change was very slow and steady but it has changed human lifestyle

completely. The era of renaissance and enlightenment also played a positive role in human's history to change their life with the use of information technology. (160).

Information technologies have been playing their roles in several domains but communication is one of the most important. It plays its role to connect people all over the world. &Politicians, businessmen, film stars, celebrities, national and inter-national players etc communicate with the whole world through online meetings by using andriod, personal computer, laptop etc and using social media apps like twitter, instagrams, facebook etc. Several news channels are also playing their role to convey messages from one place to another. Without travelling a long distance and wastage of time, we can convey our messages to the world. In this way, we can say that with the use of information technology, we can easily communicate globally. (116) Business, agricultural and industrial sectors are also promoted by the use of information technology. Genetically modified

planted and crops have been proceeding to enhance production of fruits, vegetable and crops. Advanced machinary such as automatic tracktors are using to dig soil. Automatic watering systems are also used by farmers such as tube well system. In industrial sector, automatic and robicties based machine are playing major role to oversome human efforts. Fast and efficient machinaries are enhancing production rate of the products, which will ultimately improve the countrys economy. In business seetor, automatic artificial based computers are playing significant rales to solve problems by using different algorithms. Furthermore, Online platforms such as fiverr, upwork, guru.com, freelancer.com also plays major role to expand businesses all over the world. In a nutshell, we can observe how information technology contributes in humans professional lifes.(140) Online educational systems and Online trading systems are also the beneficiaries of information technologies. Through Online classes, students can easily attend their lectures without wasting their time in travelling and it also reduces

the convience expenditures. There are many sources and apps which helps to join the online classes. These apps are the mediums to connect students and teachers. These apps includes Google classroom, Teams, Zoom etc. whereas, people also invest their money in online trading by using apps such as 5paisa, Benomo, octafx etc. OLX and Daraz are also useful platforms to invest and to earn money. In educational area, Youtube and google websites also motivates student to become creative and self dependent. So, the technology is the enhancer of education and trading (124).

Information technology plays an effective role in disease treatment and diagnosis. Next generation so Sequencing (NGS) is a technique to sequence the DNA of living organisms. Through next Generation sequencing, we can easily analyze, manipulate and interpret the person's data which helps us to treat some genetical disorders such as cancer, anemia etc. NGS also helps us to mutate any gene for the reproduction of genetically modified organisms. These types of organisms can be further use for experimental, vaccines production and medicines manufacturation. NGS is also using now for having individual's favourite feature like blue eye etc and this can be done by mutating genes by using technologies.

During these days we have automatic machines to check blood pressure, sugar etc. There are certain apps and websites which are using to treat a patient such as Dawaai, Tabiyat. pk, Medical Guide App Pakistan etc. Healthcare service provision indicators show the availability of 0.8 doctors per 1000 residents. There is a need to develop a telehealth system in Pakistan in order to promote the international slogan of health coverage for all (Iram Manzoor, Evolution of telehealth and its future in Pakistan, 2021). So, one can say that IT is contributing in health care (187)

Information technology is a tool to prevent criminal activities and illegal activities. In public places: Parks, Hospitals, Schools, Malls, hotel, restuarants etc, we have security cameras and machines to detect any metallic weapons to secure public. Finger painting is use to secure personal information. In internet world, we have many bots to check and identify true person. In andriods and computer we have installed password setting and face detection system to avoid illegal activities. There are different helplines in Pakistan to control criminal activities such as 115 for search and rescue, 141 for Traffic police, etc. Cyber Alert Service (CAS) delivers preventive measures to encounter electronic crime and

also gives tips to safe your personal account in facebook, email, twitter etc (FIA, cyber Alert service, 2022). Blackmailing is also controlled by the security based technology. In this way, technology encounters criminal and illegal activities. (139)

Although, technology is best for communication but it open doors for evil minded people. Immture-minded people use these technologies to harm themselves. These artificial intelligence based apps control the human behaviour completely. These apps play their roles in brain washing. Childish people use these apps as an entertainment tool but with the passage of time, they completely involve in them even they harm themselves very easily just because of app addiction. "The Blue Whale" game is the best example to understand this problem. It was reported that 130 children might have killed themselves between 2015 and 2016 because of their participation in these groups. (BBC, Blue whale: what is the truth behind an online 'suicide challenge'?, 2019) In a nutshell, technology is a harmful tool of entertainment. (116)

In a broader way, information technology promotes corruption in business, agriculture and industry. Online scam system is an

child. Source of information technology Money laundering, black marketing, black money transaction in industrial, agricultural and business are the creature of IT People harm each other for the sake of money by using devices and hacking system. Furthermore, agrochemicals which are used for to enhance the production of crops had negative impacts on human health. Most of the diseases common in the industrialized world are obesity, asthma, cancer, heart and kidney diseases etc (Ryan and Lauren, The effects of agrochemicals on human, 2022). So, information technology is a weapon to harm mankind and promote fraud system (103)

Inspite of its positive change, IT has been incorporating laziness and less creativity in students. They do not attend their lectures with more concentration while taking online class. During lectures they are scrolling down social media apps such as whats app, facebook etc to communicate mostly with their class fellows. They take lectures to pass their time. During lecture they also have interection with their family members. During online tests and examination, they just copy material from online websites and paste on answere sheets. Online education system lacks quality education. Scam trend has also introduced by information technology in trading hackers

hacker the accounts and devices for the illegal transferr of money to their accounts. Cryptocurrency is a best example to understand this sceneriou. In 2021 the amount of crypto fraud losses were $680 million (Federal Trade Commission, Reports show scammers cashing in on crypto craze, 2022). So, we can easily understand that how technology plays its role to harm trading and education. (139).

In medical field, technology has threatend the patient's personal information. After sequencing of human DNA, someone can use it to harm patient which is ethically and morally not good. However, we can also understand this by taking an example. if someone is illeged for some crimal activity then he can be proved as innocent by using the stolen personal data of actuall innocent people In our daily life routine, we can observe that some innocent peoples are in jail whereas, criminals are enjoying their lifes without any loss. This is occur because criminal use innocent person's data negatively. Criminals use finger prints of innocent person for his own purpose. Sometimes patient's data also illegally uses by hospital staff. In this way, technology has been using against patient. (127)

With the use of technology, porne and crimes in dark web have also been increasing. There are number of websites on different social media platforms which promotes porn and criminal activities. According to Google data Pakistan tops the list of most porn-searching countries and leads the way in porn searches for animals (The Express Tribune, Pakistan tops list of most porn-searching countries: Google, 2023). The Pakistani youth has been wasting a lot of their time on mobiles. Furthermore more unemployement and frustration add fuel.fuel on the fire which leads them to take interest in pornography. In Dark web, criminals shows live murdering, grambling, cyber crimes etc which influences the immture-minded people negatively. In this way, technology is a hub of promoting pornography and crimes. (113)

The use of technology depends upon the person whether he uses it negatively or positively. Evil-minded people are everywhere so it is impossible to control the mind of any person. Moreover, we can also consider the example of use of knife. Good person uses knife to the cut the fruit, vegatable and meat but evil minded person will use it to harm others. Same as in case of information technology, some people use it to satisfy their bad desires whereas,

Some people use it positively for the sake of humanity. During this era, human has explored the world and universe just because of information technology. Discoveries in science are the result of technologies. All prediction based system for whether forecasting, Earthquakes etc are based on information technologies. So, there are people who used technology for human welfare (137)

Inspite of its some negative usage, information technology has played its effective role to control corruption in agriculture, industry and business. There are various security system which are useful for person and property safe safeguard. There are various artificial based sensory systems which can sense surrounding conditions automatically and take decision to respond that particular situation. Industries have automatic alarming system which tells about sudden strange change in a working systems. In business sectors, we have some apps to secure business data. So, some people argue that technology is a bad thing but actually it is not good or bad, human mind and behaviours make it not or bad. In a conclusive way, anyone can understand that how technology plays its role to secure public sectors (124)

Technology has been playing effective role to make students creative and self dependent with and providing secure trading system. Social media apps such as youtube, zoom etc provides good apportunities to the students to watch animated videos lectures to enhance creativity. Corel draw, Radobe photoshop, adobe illustrator etc are technology based platforms which increase the creativity. On the other hand, to save people from money fraud, many electronic systems have been installed such as secure electronic transaction (SET). Even students also earn money through some trading apps such as 5 Paisa, freelancher, Binomo, octofx etc. So, technology has its more positive aspects as compared to its negative aspects to encourage students and online trading (III).

Some people thinks that if someone's personal genetic information has been stolen then, it will be a fault of technology. But, in reality, it is the fault of management. There is no strict and responsible management system in hospitals. Due to this flop management system, person's genetic information has been stealing by evil-minded person. The Doctors, nurses and managements staffs are responsible for this data leakage. To put cover on staff's irresponsiblity, they blamed technology.

Some staff members are also currpt in management system who leaked patient's data for the sake of money. In this way, to blamed technology for data leakage, is just a foolish talk because technology is a non-living thing and non-living things are unenable to do things on their own, these are controlling by someoneper (132).

Robotics have many positive roles which helps to control pornography and illegal dark web activities spreading of porn especially in Pakistan among youth community is a result of unemployement and social issues such as poverty, inflation etc, there is no role of information technology. The common offences including cyberbully, hacking, cyberstalking, financial fraud, electronic terrorism etc are the part of dark web, which are introduced by humans, not by machines Furthmore, Technology is using to prevent all these activities. Federal Investigation Agency (FIA) has been tasked to introduced a cyber Patrolling unit (CPU) to keep a check on what is trending on the internet. So in this way we can see how the technology is playing its role to overcome pornography and illegal activities instead of promoting them. (126)

In a Summation, one may say that the use of information technology is decided by human being. Despite its negative usage, it is more beneficial for mankind. Moreover, it links the world globally, promotes public sectors, provide ease of education, fast treatment of diseases and controls crime. All these uses ehave potential to develope any nation such as Europe and America. If Pakistan pay attention to the positive and productive use of technology then, it can also paved its way to the development. However, Pakistan has taken it serious but it needs to encourage and appreciate more development projects initiative. In this post modern era, information technology is a key to success. To reduce information technology negative use, Federal Investigation Agency is doing its best to control cyber crimes. If Pakistan government will act upon given suggestions and remedies then it will be better for the successful future of Pakistan.

It is never too late to pledge for a new change to create a new tomorrow. Where there is a will there is always a way, regardless of the obstacles and hindrances we can definitely achieve our goals. (188)