

EXPANDING INFORMATION

TECHNOLOGY: A CURSE

OR BLESSING

OUTLINE

1. Introduction

2. How Expanding Information Technology is a blessing

A. Helps businesses by integrating operations through digitalization

→ Around 93.7% business corporations rely on Oracle Software all around the world; International Business Machine (IBM)

B. Reduces distances by virtual communication

→ Zoom users rised by 71.8% in 2020 due to corona virus

C. Ensure smooth process in casting votes during elections
→ Case study of Estonia E-voting

D. Detects life-threatening illnesses
→ More than 15 million women saved from early stages of cancer;
World Health Organization

E. Growing job opportunities in Information Technology all around the world.
→ Approximately 21.7m Chinese people are employed in IT sector; CNN News

F. Provides assistance in taking precautionary measures before disasters
→ Case study of Katrina Cyclone in North America

G. Helps in exploring the universe
→ Space X by Elon Musk
→ NASA

3. Counter Argument: How expanding Information Technology is a curse.

A. Over-reliance on Information Technology

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makes humans physically unfit

→ 61.3% people feel lithargic as work is done by digitalized gadgets;
McKinsey Survey 2011.

B. Rising concerns of cyber attacks

→ Official accounts of public figures are hacked

C. Business operation heavily depends on information Technology.

→ Case study of Lays production fault.

4. Rebuttal: How expanding Information Technology is a blessing

A. Electronic gadgets guide humans for physical fitness

→ Fitness Application in Smartphone

B. Use of fire wall to protect data and cyber attacks

→ US and China firewall to stop data sharing

C. Regulatory laws to shield individuals' information

→ Pakistan Electronic Crime Act 2016 in Pakistan

5. Conclusion

~~XXX~~

According to University of Chicago, U.S., more than 6.21 million applications were received in the Information Technology department of the University over last five years. This significant number of applications highlights the willingness of undergraduate students to learn Information Technology (IT). During the twenty-first century (21st century), exponential growth is seen in Information Technology (IT). It can be used to cook food, to communicate message till the operation theatre in the hospital that has made ease of performing task. Any invention has surely proved beneficial for humanity so is the case but over-reliance has also produce multiple conundrums in human life so it Information Technology has done. IT has reduce distances, digitalized human's life and business operations. It has also prevented

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living things from illness and helped in taking preventable measures during disasters that has saved thousands and millions of lives. Moreover, it has opened up a new sphere of job opportunities. IT has made possible for humans to reach on the moon. Expanding Information Technology has truly modernized the human lives and also enabled them individuals in performing multi-tasking. Having said that, expanding information technology is a genuinely a blessing for individuals and humanity.

Therefore, this essay would discuss how expanding information technology is a blessing. Afterwards, it would also shed some light on reasons that proved expanding information technology is a curse. Lastly, it would provide a rebuttal to an stance that would depict how expanding information technology is a blessing.

To go with, expanding information technology helps business by integrating operation through digitalization is the first and foremost reason shows expanding information

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technology is a blessing. With the help of IT business efficiency has improved that has also enhanced production level. International Business Machine (IBM) report 2021 notes that around the ninety-three point seven percent (93.7%) business corporations rely on Oracle software all around the world that has integrated business operations. This has also ameliorated communication with external stakeholders of entity. Ergo, expanding IT is a blessing because it has digitalized business operation.

The second argument that proves expanding IT is a blessing is that it reduces distance by facilitating humans with virtual meetings. There was a time, when people ~~used~~ ^{had} ~~used~~ sent letters via postal office. Expansion of IT has made virtual face-to-face communication easy, thus no one has to write long letters or wait for ~~that~~ time to convey the messages. Google analytics shows a rise in Zoom users in 2020 by seventy-one point eight percent (71.8%) at the time of Corona virus. After Covid-19, communication method changed.

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to online mode because of its conveniences. Henceforth, enhancing IT is a blessing as it minimize distances.

Ensure smooth process in casting votes during election is the third argument that depicts augmenting IT is a blessing. It also individuals to give votes from the homes instead of going to polling station. Casting a vote is aligned with final results that one can interfere or manipulate. In Estonia, voting is done through electronic means ^{that allows} by which individuals to give vote without going to station. The whole election process is digitalized that one can influence the results thus countries like Estonia, democracy prevails in the true spirit. This ~~the~~ is the reason why Estonia is ranked highest in the democracy Index. All in all, expanding IT is a blessing because it ~~ensure~~ provides transparent election results.

Fourthly, expanding IT is a blessing because it can detect life-threatening illnesses that can take individual's life. IT has changed the outlook

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of medical treatment and checkups. With the assistance of IT, X-ray, ~~the~~ MRI, and CT-~~Scans~~^{Scans} and other equipment can be used. World Health Organization report depicts that more than 15 million women were saved from early stages of breast cancer in 2024 alone. IT has surely saved humanity. Overall, IT detects life-threatening illness & is also responsible factor for which expanding IT is proved as blessing.

Expanding IT is a blessing because it provides job opportunities in IT sectors all around the world. Everyone is involved in acquiring degree, certificate, or diploma in IT sector due to rising use of IT in every sector. As per CNN news, approximately more than 21.7 million Chinese people are employed in IT sector of China. Moreover, China has also erected twenty-four thousand kilo-meter long Huawei city. That possess at least 27 massive research centers. Investing in a gigantic project like Huawei city, it ~~today~~ highlights expanding IT as a blessing.

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IT provides assistance in taking precautionary measures before disaster is another reason that underscores IT is a blessing. Remote sensing is directly linked with information technology. Through remote sensing, disaster can be predicted and preventable measures can be taken. During a Katrina cyclone in North America in 2005, local government evacuated more than twenty five thousand (25000) people from the disaster California, knowing the identity and density of the disaster. This was all possible because of remote sensing that heavily depend on IT. Henceforth, IT is a blessing because it present provide signals to take precautionary measures from disaster.

Lastly, IT helps in exploring the universe that is last blessing ~~for~~ derived from IT. Expand IT allows scientists and astronaut to perform deep research to explore the universe beyond the heart. Therefore, multiple countries ^{now} are employed the resources to ~~it~~ at the moon. Recently, Elon Musk, an American Businessman, has initiated SpaceX that would ^{allow} go to

go on the moon for research purposes. In addition to this, NASA has already been working with the uncertainty the universe. Thus, emerging IT is a blessing because it was all possible due to IT, due to which ~~that~~ scientist can reach to the moon.

Previous paragraphs highlighted the argument for the emerging IT as a blessing. However, forthcoming paragraphs would underscore the counter argument against the ~~to~~ how expanding IT is a ~~later~~ blessing.

Firstly, over-reliance on information technology makes human physically unfit is the first reason why expanding information technology is a curse. Every activity performed via technology, for example training on Air condition to cooking. This has made human lazy. According to McKinsey survey 2021, more than sixty-one point three percent (61.3%) people feel lethargic as work is performed by digitized gadget and robotics. This has owing to this, people are becoming unfit. To conclude it, expanding IT has

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made human physically unfit.

Another reason why IT is a curse is that it rise the concerns of cyber-attacks. Hacking, phishing and scamming have been a regular norm nowadays. It is because of IT, that has ^{opened} another ethical problem. Several times, official accounts of public figures as well as other individuals has been hacked. Just like in 2020, Tony Blair ex Prime Minister's X account was hacked. Truly, expanding IT has rised concerns of cyber attacks. It is the other the center argument due to which emerging IT is a curse.

Preceding paragraphs underscored the center arguments that showcased that emerging IT is a curse. While, upcoming paragraph would shed some light on the rebuttal that illustrate how emerging information technology is a blessing.

Firstly, electronic gadget guide human for physical fitness is the first convincing rebuttal that illustrate training IT is a blessing. Several fitness

applications are available in the smart phone and other electronic gadgets that can create customized plan for individual after providing necessary information. Moreover, electronic watch provide notification, to "drink water" and "max bit around" that helps in maintaining individual's health. Therefore, increasingly IT is a truly blessing.

~~And~~

Another ~~reason~~ ^{rebuttal} that shows

IT is a blessing is that. countries have introduced multiple regulatory laws to prevent the cyber attacks. These laws protect individual's privacy and ~~and~~ ^{keep} hacker at bay. for example, Pakistan has ~~etc~~ ^{an} act called Pakistan Electronic Crime Act (PECA) 2018. That provide good guarantee to the IT users & that their information, data, and private information would ~~be~~ ^{be} protected by government it will not be used against ~~any~~ ^{any} them. Overall, ~~if~~ ^{economic} possessing such laws would ensure that rising information technology is a blessing for humanity.

To cap it all, every innovation

has proved double-edge sword for humans. But it can be said that IT has more benefits than its ~~extensive~~ negative. Emerging information ^{technology} ~~sector~~ would provide job opportunities to various individuals. ~~More~~ better health would be ~~promoted~~ ^{in a} more better way. Citizens will be able to achieve true spirit of democracy when electronic voting could be done. A number of small-sized businesses would be digitized with the emerging information technology. On the other hand, over-dependence has surely made human ineffective and ~~the~~ ~~is~~ providing a serious question on the cyber attack. However, electronic gadgets can guide human how to act and what action to perform. Besides this, government can ~~regulate~~ introduce robust law to protect its citizens' information and data. ~~Even~~ Emerging information technology ~~has~~ ~~not~~ has benefited individuals, community and corporations when it is operated under the authorized controls.