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'People have become overly dependent on technology'

Outline

Introduction

1) Attention Grabber

2) General statement

3) Thesis Statement: There are various causes of over-dependency of people on technology in social arena, economic sector and corporate sector resulting in wide range of negative consequences. However, such issues can be resolved if timely measures are taken.

Thesis statement does not reflect the statement of the topic

Causes of over-dependence on technology

1) Social factors of technology

a) Accessibility of gadgets and internet

b) Convenience of connection to people

c) use of technology by a large chunk of population

2) Economic-dependency on technology

a) technology enable productivity and efficiency

b) drives economic growth and employment

c) boost international economic connectivity in global world

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3) Technology eases the complexity of corporate organisations

a) Technology use in Marketing, Accounting, Finance, HR and supply chain

b) It provides competitive advantage and through innovations

Effects

1) It results in lower external social cohesion and health effects

a) ^{lower} external cohesion may cause a decline in overall social cohesion within a community

b) Health issues such as obesity, mental disorders, and addiction

2) Economic overdependence may reverse the benefits technology provided

a) Automation and AI can lead to job displacement and economic disparity

b) Economic disparity will widen

3) Security risks making the corporate organisation vulnerable

a) Security risks resulting in various damages to the organisation

b) Lack of innovation and creativity

Solutions

- 1) Enhancing social ~~and~~ cohesion and improving health
 - a) Awareness campaigns on the side effects of Internet especially social media
 - b) highlight the importance of face to face connection
 - c) encourage physical activities, counselling sessions
- 2) Syncing rapid technological dependence with economic viability of the state
 - a) sophisticated trainings and education in line with technology
 - b) strict govt regulations to oversee disparity.
- 3) Strengthen corporate sector to the vulnerabilities due to technological dependency
 - a) enhance cyber security to reduce tech related problems
 - b) a regularly held sessions to ~~will~~ be creative and innovative by exploiting the benefits of tech

Conclusion

Faulty understanding and deconstruction of the topic

resulted in huge global flight disruptions, courier companies, health care and various,

The recent update of CrowdStrike on Microsoft resulted in IT outage. This resulted in disruption of global flights, business ~~sector~~ ~~in general~~, health care, courier services, etc. Such disruptions resulted in inefficiencies and ineffectiveness of an organisation's performance resulting in loss of billions of dollars. This indicates our vulnerability and convenience to technology, making it both a marvel and a menace of modern world. Such dependency continues ~~on rising~~ ^{to rise} and any sudden tech related issues results in great stakes to its user. Hence, there are a variety of reasons for such over-dependence on technology that covers social arena, economic sphere and corporate sector. This could have a wide range of negative consequence. However, with every problem comes the solution, timely measure can be taken to mitigate and address the negative effect. If these issues were not address, it will make world a chaotic place upon some tech-related disruption in the future.

Firstly, there are many causes of social dependence on technology. To begin with, there has been a wider access of tech-related product to the wider mass of people. The classic example is access of people to smartphones ~~due~~ with spread to rural and under developed areas. According to one report, 80% of the users in ^{major cities} Pakistan have cellular function as of 2022. This has increased people-to-people connection in the form of social media and audio calls, video calls, etc. For instance, the global Covid-19 forced people to stay in homes resulting in social operation in the form of audio and video calls. People were able to remain connected with their friends, families, colleagues, health consultants, etc. Furthermore, it keeps people up-to-date with information and the events happening around the world. Opinions are shared to express oneself regarding an event. The rise in use of virtual reality sets makes it a more multi-tasked era also. The release of Apple Vision Pro with ability to interact with real and virtual world simultaneously has increased social connections. There has been a rise in social media influencers, motivational speakers, that defines the direction of social sphere in the form of new opinions, trends and new moral scopes. Hence, the wide variety of social connections make it difficult to be not dependent on technology.

Secondly, the boom in technology is ~~the~~ ^{first} main reason for economic globalisation. There is a rise in productivity and efficiency due to net exports and a wider market range for the countries. This results in smooth operation of economy due to greater availability of raw material, the semi-finished goods, finished goods and wide variety of services. This means that a chocolate factory will have cocoa imported from another country through seamless supply-chain technologies such as an integrated database that helps supplier know how much the producer needs. Moreover, the efficient transport system saves time of delivery. Therefore, not only will an organisation be able to produce effectively but also able to make mass production at lower cost, making it available to wider market. As a result, it drive economy upward ~~due to rise in economic~~ and increase opportunities of employment.

Second, such global integration is important in the world of ever-rising demand so that the world is catered.

Hence, there is an ever-rising Research and Development to further the rise of technology in order to integrate, automate and ~~effectiveness~~ ^{increase} in delivering to the rising population.

Lastly, it has eased the complexity in operating of corporate organisations. To start with, it has made opened new directions to marketing, accounting, and HR. This could be witnessed with using digital and social media marketing. The gathered data from such marketing tactics help in improved product, target customers and analyse the process. In accounting, SAP software is used to book Journal entries, track cash flows, monitor performance, etc. In HR, there are wide range of personality assessments to scrutinised the applications for a job and effectively hire the desired applicant. Moreover, technology provide firm with competitive advantage and innovation. The use of technology reducing costs and results in mass production. This helps the organisation to devise into a better pricing strategy and enhance its market share. Hence, rapid technological advancement pushes the firm to devise new ways of selling their products and services. Therefore, providing them with competitive advantage which will ensure profit maximisation. Therefore, corporate sector has greatly profited on technology and is increasing its dependence to grow and prosper.

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However, it has resulted in a gradual shift into society resulting in negative impact. The rising technology and interconnectedness has marked a historical shift in societies simultaneously. Firstly, there has been a decrease in physical social interaction since people spend more time on social media. Such a decrease in physical connection has detrimental effects on families, friends, colleagues, etc. People are connected digitally and may exploit platforms of social media through cyber attacks, bullying, and stalking. Furthermore, individualism has been on the rise that centers around personal interests and exploitation and a fall in communal approach. Secondly, there has been reports of various physical and social health problems. The competition on better technological gadgets, show-off on social media and exploitation has caused mental health problems of depression and anxiety. Furthermore, people may get feel inferior when getting to know the lifestyles of others. There is a rise in trend and a high materialistic standard is set. Lastly, people are overwhelmed with a wide variety of things resulting in identity crisis. As a result, society moves from its norms and cultures into spheres of uncertainty.

Moreover,

Economic dependence on a technology may reverse the benefit. To start with, the rise in global connectivity through technology may make a poor country vulnerable in economic terms. The classic example is economic instability in Pakistan due to Balance of Payment deficit. This is mainly due to Pakistan's dependence on oil hydrocarbons with huge imports. Such hydrocarbons are necessary for smooth technological functioning. In addition, a country may become more competitive in products and services that may hinder another country's growth as their demand for product decreases in the context of lack of competitiveness. For example, Samsung smartphones give tough competition to local products due to its advanced tech, reliability and cost. Hence, driving the local organisations out of business which negatively affected economic growth. Moreover, Next, the economic disparity has widened with technology where rich has become richer and poor as poorer. This is because technology enables the investor to earn more than ever. The classic examples are Elon Musk, Jeff Bezos, etc. According to one report 1.1% of population alone has 45.8% of the total wealth. Hence, technology has caused various economic repercussions.

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Although corporate sector is much more integrated than ever, the company would always be prone to various risk making it exposed to vulnerability. Firstly, the company/corporate sector would be prone to risks of security attacks. There have been various reports of cyber attacks resulting in loss of crucial data and operational inefficiencies. For example, In 2016, Yahoo became victim of data breach with 500 million users data consisting of their names, emails, telephone numbers and addresses being stolen. Such attack raise concerns from the customers affecting the brand reputation of the company. Secondly technology results in automation and mass production of goods and services. This means that although the customer is presented with the expected product and service, there could have been the use of human creativity to offer unique service or product to the customer in accordance to their specific needs. This can be taken in the context of clothing style. A mass produced machine-made clothing style has uniformity and lack a create deal of creativity. On the other hand, the use of embroidery on a shirt, for instance, provide a unique experience and therefore, ultimate satisfaction to its customers. Hence, technology limits the potential of human art and make the company vulnerable to non-traditional attack.

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It should be noted that the overdependence on technology is eminent. However, there should be certain standards and protocols with respect to absorption of technology in a social setting. It could be done by enhancing social cohesion and improving health. First, an awareness campaign should be run to guide people regarding the side effects of technology and certain guidelines to how the technology can be used keeping in view its negative consequences. This could be done through science proven experimental facts on negative impacts of technology. For example, there has been reports to rise in dopamine level while using social media making it addictive. Protocols should be designed and parents should be trained or educated to the access and selective use of technology for monitoring their children. Second, people should be informed regarding face to face connections with the ~~art~~ better expression which involves physical touch, better expression, rich body language and voice tone. This would create real connections between the people. Third, people should be counselled on great importance of physical activities involving outdoor sports. This would include their better lifestyle in the form of good mental and physical fitness. Hence, these measures are important to mitigate negative effects.

Although, technology has a lot of benefits, the negative cost we could not be ignored. Therefore sustainable technological development should be put in place by countries. For example, to begin with, the labour/person should be trained to modernise his skills in line with rapid shifts in technology. Moreover, education systems should constantly be updated into keep up with modern technologies. For example, the rise in data analytics have forced many business institutes of Pakistan to include such courses (educational) as a need with modern times. Otherwise, ~~Pakistan~~ countries would be importing, for example, new technologies with no sufficient skills or expertise. Moreover, they would rely on outsourcing the use of these technology usage to foreign investments. This is, therefore, a short term unsustainable approach. For example, Sialkot has been outsourced due to insufficient skill-sets and lack of modern technology. In addition, govt should have realistic rules and regulations in place to ensure smooth operations and avoid rash political decisions. For example, govt has introduced one window operation under SIFC that constitute, an integrated system. This would avoid manual hurdles for investors. As a result, investment will increase making employment opportunities and hence, a reduction in income disparity. Hence, country should ensure

Sustainable economic policies, to ensure economic growth and development.

Finally, a robust system in place would avoid corporate sector vulnerabilities and a new pathway to innovation and advancement. First, cyber security should be enhanced to avoid cyber attacks.

The companies usually outsource their such securities to firm that specialises in protecting company from any such breach. For example, Microsoft has outsourced its cyber security to CloudStrike which is a cyber security company. Second, various companies can advance their Research and Development to come up with more sophisticated technological designs and upgrades.

Hence, a car company constantly innovates with introductions of newly designed models and provisions of wide array of models to address the specific market segment.

Moreover, customers are given option of how much cars they feature they want to include. This means that mass production can be customised to fit customers and their needs. Therefore, a strong corporate sector and new ways of innovating would result in greater profit for corporate companies.

To conclude, there has been an ever-rising dependency on technology. There are various causes of such dependency, with greater social accessibility to these technologies, more awareness of social connectivity and rise in its usage making it an eminent part of the society. Moreover, global economic connectivity and greater economic development and employment are the product of technology. In addition, technology has digitalised and automated areas of accounting, marketing and H.R. It has also provided firms a competitive advantage of earning more profit. Unfortunately, technology has decreased external social cohesion and increased health issues. Furthermore, the economic dependency on tech can backfire in the form of unemployment and wider economic disparity. Even the corporate sectors are vulnerable to cyber attacks and decreased creativity. However, these issues can be mitigated with social and health awareness campaigns, sustainable integration of technology with economy and a robust corporate security and constant Research and development. In the end, the rising dependency on technology cannot be avoided but preparedness can be put in place to maximise the net benefits of technology.