

The Impact of Technology on Education and Social Dynamics



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Abstract

Write down here Modern civilization has undergone three significant socio-economic transformations known as industrial revolutions. The industrial revolution led to changes in the labour market with machines replacing human labour. Industrial revolutions have always been characterized by technological leaps, ever since the very beginning of industrialization. The Fourth Industrial Revolution, finally, will change not only what we do but also who we are. Fourth Industrial Revolution is fundamentally changing the social dynamics of our live. FIR has the potential to raise global income levels and improve the quality of life for populations around the world. These changes might lead to the elimination of thousands of jobs and the disappearance or fundamental change of social dynamics. Fear of job loss remains an important issue among employees today, since robots and automation might be seen and perceived as competitors. Changes in the world of work and social dynamics offer several opportunities for career counseling practices. Helping people make career decisions has been fundamental to counseling psychology since its emergence as a profession, and it continues to be central to its identity today. Career counselling is focused on how the individuals manage their journey through life, learning and work (career). This includes career exploration, making career choices, managing career changes, lifelong career development and dealing with other career related issues. Career counselors will work with their clients, helping them to research the right job, as well as helping to locate resources for strengthening the skills needed for the job desired. Helping people make sense of these changes and obtain, evaluate, and apply career-relevant information for their career decision making and career planning. Assist people in coping with the constant change in their current jobs and staying employable through continued education and learning. Help clients to identify learning and training needs, as well as assist them in finding and successfully completing trainings and education, including capitalizing on the increasing number of online resources in this regard. "Humans can continue doing things robots cannot do. Humans can do multiple things, but artificial intelligence can't reflect on things and empathise".

INTRODUCTION

Modern civilization has undergone three significant socio-economic transformations known as industrial revolutions. The industrial revolution led to changes in the labour market with machines replacing human labour. Industrial revolutions have always been characterized by technological leaps, ever since the very beginning of industrialization. The Fourth Industrial Revolution, finally, will change not only what we do but also who we are. Fourth Industrial Revolution is not fundamentally changing the social dynamics of our live but also in our system of education

RESULT AND DISCUSSION

Impact Technology on Education

Industrial revolution, involved major changes in education, transportation, manufacturing, and communications, transformed the daily lives. Fear of job loss remains an important issue among employees today, since robots and automation might be seen and perceived as competitors. Changes in the world of work and social dynamics offer several opportunities for career counseling practices. Helping people make career decisions has been fundamental to counseling psychology since its emergence as a profession, and it continues to be central to its identity today. Career counselling is focused on how the individuals manage their journey through life, learning and work (career). This includes career exploration, making career choices, managing career changes, lifelong career development and dealing with other career related issues. Career counselors will work with their clients, helping them to research the right job, as well as helping to locate resources for strengthening the skills needed for the job desired. Helping people make sense of these changes and obtain, evaluate, and apply career-relevant information for their career decision making and career planning. Assist people in coping with the constant change in their current jobs and staying employable through continued education and learning. Help clients to identify learning and training needs, as well as assist them in finding and successfully completing trainings and education, including capitalizing on the increasing number of online resources in this regard. "Humans can continue doing things robots cannot do. Humans can do multiple things, but artificial intelligence can't reflect on things and empathise".

Impact of Technology on Social dynamics.

Fourth Industrial Revolution is fundamentally changing the social dynamics of our live. FIR has the potential to raise global income levels and improve the quality of life for populations around the world. These changes might lead to the elimination of thousands of jobs and the disappearance or fundamental change of social dynamics. Fear of job loss remains an important issue among employees today, since robots and automation might be seen and perceived as competitors. In the past few decades, technology grows rapidly. And the use of technology is also increased drastically. It affects the life of people and changes the way of their learning, thinking, and communication. It plays a major role in society, and now it is very tough to imagine the life without technology. Both technology and society are co-related, co-dependent, co-influence with each other. Technology lays an impact on society, including the potential for society to progress or decline, in both good and bad manner. Our society is shaped by technology, which has both beneficial and harmful consequences. Human societies and technology have grown inextricably linked since technical systems like mobile phones, computers, TV, etc. are produced by humans and reflect the very basis of a population's needs and lifestyle. Although technology improves the lifestyle of human being, it also a major concern for the future generations. Nowadays, people are excessively using technology which reduce their physical activities that directly effect their health. Also, due to the excessive use of technology there are so many cybercrimes happens everyday in which someone steals the identity or personal information of the victim, such as Unique ID number, PAN number, Debit Card, etc., and uses it to conduct a crime or perpetrate fraud without our permission. Some other cyber crimes are:

1. Hacking: An effort to manipulate a computer system or a network within a computer is known as hacking. It is unauthorized control of computer systems with the intention of committing a crime.

2. Credit/Debit Card theft: Credit card fraud refers to any type of fraud involving a payment card, such as a credit or debit card. The objective could be to obtain products or services, or to transfer the funds to a criminal-controlled account.
3. Malware installation: Any program or file that is dangerous to a computer user is known as malware. Viruses, worms, Trojan horses, and spyware are all examples of malware.
4. E-mail threat: The use of email to deceive another person for personal benefit or to harm another person.
5. Phishing: Depending on the offender, phishing attempts can target a wide spectrum of people. It's possible that these are generic phishing emails aimed at anyone with a PayPal account. These are frequently identified as phishing attempts.
6. Spams: An undesired, uninvited digital message that is sent in large quantities is known as spam. You can get spam via email, phone calls, text messages etc.
7. ATM cards theft: ATM fraud refers to a crime in which the criminal make the payments for the criminal activities via some other person's ATM card using the PIN.

CONCLUSION

Society is defined as the group of among human beings sharing social relationships. Or in other words, a society is a group of people that lives together in a community that includes some form of government, along with some rules and economy. Technology is defined as the body of knowledge that deals with the innovation, invention, and application of technical means, as well as their interrelationship with life, society, and the environment. Or in other words, technology means the use of scientific knowledge to achieve some specific goal or create applications that are used in industry or in everyday life. So, if we are using some scientific knowledge to achieve some goal means we are using technology. We utilize and rely on technology in our daily lives, and our technical requirements and demands continue to grow. Technology is used by humans to explore, connect, study, and do work. The manner in which we use technology decides whether its effects are beneficial or detrimental for society. Career counselors will work with their clients, helping them to research the right job, as well as helping to locate resources for strengthening the skills needed for the job desired. With the 4IR comes, career counsellor would need to help people cope with change and personality issues.

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