

# The Role of information Networks in shaping societies.

## Outline

### ① Introduction:

Indeed, information networks play an essential role in progress and development of societies. They have also some negative impacts, which can be minimized through pragmatic measures.

### ② How information networks are Shaping societies:

i) Information networks facilitate communication systems for ease of information

- sep-2024 - social media user - 5.17 billion more than double of the user in 2015.

ii) Promotes culture exchange and diversification

- Global spread of Korean pop culture through Netflix

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iii) Information networks help in prevalence of human rights in societies.

- Prevalence of democratic values
- 'Democracy summit worldwide'

iv) Provides opportunities for technological advancement.

- Development and distribution of COVID-19 vaccine were accelerated through global collaboration. Pfizer, BIONTECH - USA and Germany.

v) Improves health sector through telehealth technology.

- HKUST — Medical chat GPT.

vi) Revolutionized education system and access to knowledge.

- 23,462 — students enrolled in Poly-virtual university since 2002.

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### ③ Negative role of information networks in shaping societies:

i) Aggravate  $\rightarrow$  Economic disparities <sup>that</sup> lead to digital divid.

According to Global AI - 50% agency

job will be replaced by AI - by 2030.

ii) <sup>Foster the</sup> Spreading of misinformation and propaganda.

• 2016 - US Presidential election allegation of foreign interference through social media.

iii) Exacerbates  $\rightarrow$  threats of Cyber security.

• Malware ransomware worldwide Cyber attack - May, 2017.

iv) Increase of violent activities in Society

• online scams during COVID-19.

v) Privacy breaches and data misuses

• Pew research center = About 70% of Americans are very concern about the business and personal data. - Risk of unauthorized access.

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④ Pragmatic measures to minimize  
Negative impacts of information  
networks on societies

① ~~Strict~~ regulations should be made  
to minimize the flow of false  
information

• UNGA - resolution on AI

② Enhancing digital literacy among  
public.

⑤ Conclusion:

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In the beginning of the world, people <sup>were</sup> divided into tribe, clan and small cities state at different locations. They did not communicate even for months and years. Most of them were unaware about the existence of each other. They used pigeons for correspondence, ~~but now~~ the world has been revolutionized, a person can communicate with other at every corner of the world even in a milli second. This reflects the role of information networks in shaping of societies. The growth of information networks have been increased, in current era of <sup>industrial</sup> fourth revolution. Artificial intelligence further widens the scope of information networks in shaping of society. They facilitate communication system for ease

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of information and promote cultural exchange and diversification among societies. Such technology helps in prevalence of human rights at global level and provide opportunities for technological advancement, which further contributes in improvement of health sector across the world. They also revolutionized education systems for ease access to knowledge, through online platforms. On other side, information networks have some negative impact on society that aggravate economic disparities and see digital divide. Besides that spreading of misinformation and propaganda change is also seen to be increased. They exacerbate the threats of cybersecurity and violence activities in societies that lead to privacy ~~issues~~

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breaches and data misuse. Indeed, information networks play an essential role in progress and development of societies. They have also some negative impacts, which can be minimized through pragmatic measures. Therefore, information networks are too crucial for the development and growth of the societies.

Information networks play an essential role in shaping societies which facilitate communication systems for ease of information. They allow person to person communication without any physical connection. For this purpose many devices and softwares are <sup>using</sup> ~~used~~ to create connectivity among people, <sup>which to shape various</sup> ~~for~~ <sup>are</sup> shaping a societies and also share information with each other. For instance, in September - 2024, social

media users in the world is exceeded from 5.17 billion, which is more than double the number of users in 2015. As a result, more the connections more will be the chances to shape a productive society. Therefore, information networks are pivotal for shaping of societies.

Moreover, information networks promote culture exchange and diversification for the establishment of uniform society. Across the world, people of different regions are using different social media platforms and applications to spread its social norms and values. These social values and culture become dominant over another culture of the society, especially, developed society have modern and valuable culture that ~~offer~~ merged the



Least developed nation social norms and value. For example, the global spread of Korean pop culture (K-Pop and K-Dramas) through platforms like Netflix has enriched global entertainment. This shows that social media promotes culture exchange and diversification to establish uniformity among the societies.

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In addition to, information networks provide valuable opportunities for technological advancement. People of different societies across the globe are interconnected with each other through information networks that share its technologies and skills with one another. In the contemporary world, public multinational companies and cooperation are working with collaboration across the

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World in field of technologies in different sectors. <sup>like health and agriculture.</sup> As to illustrate that development and distribution of covid-19 vaccine were accelerated through global collaboration. The vaccine like Pfizer and BioNTech made by the United States of America and Germany to distribute it with the rest of the world. As a result, due to information networks people across the world are sharing modern <sup>scientific</sup> methods and technologies to create unity among the nations. Therefore, the spreading of technologies to information networks play a productive role in shaping societies.

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