

CONTENTS

INTRODUCTION

> BASED ON AGE

BASED ON GENDER

> HEALTH ISSUES

> CONCLUSION

INTRODUCTION

Social media refers to online platforms and websites that enable users to create and share content with others. These platforms typically allow individuals to connect with friends, family and to interact with a wider audience. The rapid growth and widespread use of social media platforms have significantly transformed the way individuals interact, communicate, and consume information in the digital age. Social media platforms have become integral parts of people's lives, offering opportunities for networking, and access to vast amounts of information. However, this increased exposure to social media also raises concerns about its potential impacts on individuals' well-being, social relationships, and psychological health. This report aims to explore and analyze the effects of exposure to social media, highlighting both the positive and negative aspects, and providing insights into the implications of these findings.

The scope of this report encompasses various aspects of exposure to social media, including the time spent on platforms, the types of content consumed, and the patterns of engagement. The objectives of this study are as follows: a. Investigate the extent of social media usage among different age groups and gender. b. Examine the influence of social media exposure on mental health and well-being. c. Analyze the effects of social media on social relationships and interpersonal communication. d. Explore the impact of social media on self-esteem, and self-perception. Data collection was through structured questionnaires distributed among a diverse sample of participants, ensuring representation across age, gender, and socio-economic backgrounds through Google Form.

1. BASED ON AGE GROUPS

An attempt to analyse the exposure to social media among the people who belong to the age groups: below 18 years, 18-25 years,25-40 years,40-60 years, above 60 years was made by data collection through Google form. Only 2.33% of the respondents are senior citizens that is, those who belong to the age group above 60 years from which it is obvious that they are less exposed to social media. Whereas the age group 18-25 years uses as many social media as possible such that they don't even know how many social media platforms they are on!

In an effective communication facial expression and body language play a vital role. Face- to- face interactions were perceived as more emotionally fulfilling, enabling individuals to establish deeper connections and build stronger relationships. This study indicates that face- to- face interactions remain the preferred mode of communication across all age groups whereas, a small fraction prefers communication through social media. *It is worth noting that rapid evolution of technology and societal changes may influence future trends in communication preferences*.

Why people use social media? Since social media are meant for socializing with others; teenagers use social media for expanding their friends circle, to express their creativity, to showcase their talents, staying updated on the latest trend etc. Young adults utilise social media to expand the professional networking and middle- aged people share information, keep in touch with society etc. And senior citizens use social media to keep in touch with family and for entertainment. Irrespective of age group people use social media for entertainment. Along with entertainment, students and young people(below 18 and 18- 25 years old) use social media for learning, and 45% of people (25-40 and 40- 60 years) use social media

for business and networking.51.69% of the people use social media for entertainment.

Most commonly used social media based on different age groups which is one of the main objectives of this study can be illustrated graphically as:



Below 18, 18- 25, 25-40, 40-60 and Above 60

Social media can affect normal sleep time across different age groups. About 35% people which mainly includes adults and senior citizens are unaffected by their normal sleep time due to social media. Remaining 65%, mostly teenagers and young adults are affected or sometimes affected by improper sleep due to social media.

Adolescent and young adults who play a major role in moulding the destiny of our country are vulnerable to negative impacts of social media than that of other age groups. They are very much affected by sleep disturbances due to social media, while social media usage tends to be lower among senior citizens they are not much affected by their normal sleep. Young adults feel difficulty concentrating in other activities whereas people who belong to 60 years and above donot. *Younger generation are highly exposed to social media platforms* of which WhatsApp and Instagram are most commonly used for entertainment, socialization etc. whereas adults are moderate users. They spent less time compared to younger age groups. They primarily use Facebook and WhatsApp. Senior citizens spent free time with social media to stay connected with society or family and they get relief from loneliness.

There have been several studies conducted on the use of social media:

The study by Journal of Medical Internet Research-"Use of Social Media by Older Adults: A Scoping Review" highlighted that by using social media, older people can engage in lifelong learning. It also suggested that social media can contribute enhanced well- being and a sense of connectedness among senior citizens whereas excess use of social media by younger people or students lead to decreased productivity and neglect of real-life responsibilities.

Highlights:

- Younger generation are highly exposed to social media platforms
- Rapid evolution of technology and societal changes may influence future trends in communication preferences.

2. BASED ON GENDER

Social media has played a key role in mediating the communication of information during the COVID-19 pandemic. Though social media holds a major role in shaping our lives, the way information is shared through social media has increased incredibly. A web-based survey was developed to assess social media exposure in the up-to-the-date society based on gender



From the data collected from 1000 users, 31.8% of internet users are men, being dominated by 68.2% of women. In general, women seem to use SNSs more to explicitly foster social connections.

Generally, females use social networking sites to make connections and stay in touch with family or friends.

Men, by contrast, use social media to gather the information they need to build influence. Social media helps them perform research, gather relevant contacts and ultimately increase their status.

Exposure	Social media platform you use the most?					
Gender	Facebook	Instagram	Snapchat	Twitter	WhatsApp	Grand Total
Female	1.86%	26.36%	0.62%	0.62%	38.76%	68.22%
Male	2.02%	11.78%		0.31%	17.67%	31.78%
Grand						
Total	3.88%	38.14%	0.62%	0.93%	56.43%	

Whatsapp being the largest social media in India, 38.76% of women and 17.67% of men are more exposed to it. WhatsApp is one of the popular mobile messaging applications with more than 50 million monthly active users in the country. And it is no more just the youth, which is toying with this application, the middle aged as well as the older folk, too, are increasingly preferring mobile messaging services like WhatsApp over SMS.

When it comes to interacting with brands, women are more active on platforms like WhatsApp, Instagram, etc. They also tend to consume and share info more frequently on a platform like WhatsApp than men, who rather prefer to check news or sports websites for information.



"I PREFER COMMUNICATION THROUGH SOCIAL MEDIA"

Though women are more vulnerable to social media platforms, they prefer both face to face communication and communication through virtual communities and networks.

Social media has become an essential and viable platform that has virtually connected the world, thus giving people both far and near the opportunity to interact and collaborate with one another thereby building stronger relationships. The different social media sites allow people to network, engage in online business transactions, buy goods and participate in political campaigns. Hence, this modern platform of social interaction has introduced significant, pervasive and profound changes to the communication process between organisations, communities and individuals. As per the study, people prefer both contact and virtual interaction correspondingly, though social media has grown profoundly.

HEALTH ISSUES

There are many problems due to the usage of social media. Studies have found a strong link between heavy social media and an increased risk for depression, anxiety, loneliness, self-harm, and even suicidal thoughts. Social media may promote negative experiences such as: Inadequacy about your life or appearance. Social media affects teenagers' mental health negatively by limiting direct contact with peers and encouraging constant comparison online, which can lead to low self-esteem, anxiety, and depression. These social comparisons can make us feel bad about ourselves and our lives. On top of this, sometimes people can be less considerate when there is a screen separating them from you, meaning you might be more likely to experience criticism or opposition on social media, and this can also contribute to anxiety.

Excessive use of social media close to bedtime can reduce sleep quality and increase the risk of sleep issues. Studies show two or more hours of screen time in the evening can seriously disrupt the melatonin surge needed to fall sleep. *Consider turning off all electronic devices at least one hour before sleep, at a minimum.* But according to our study, 28.64% of the respondents are affected, **42.88% are not affected** and 28.48% are sometimes affected **by their normal sleep**. Social media use has not affected most of the people's normal sleep time.



Many studies have found a strong link between heavy social media and an increased risk for depression, anxiety, loneliness, self-harm, and even suicidal thoughts. The distraction due social media can lead to procrastination, less retention of information, and higher levels of stress. Our study indicates that 11.89%, **16.78%**, 2.38% are going through depression, **anxiety** and hallucinations respectively, and 70.46% are affected by none. In addition to this, 34.52% have consulted ENT or EYE SPECIALIST whereas, 65.48% do not.



ADDICTION

Social media addiction is a behavioral addiction that is defined by being overly concerned about social media, driven by an uncontrollable urge to log on to or use social media, and devoting so much time and effort to social media that it impairs other important life areas. Checking and scrolling through social media has become an increasingly popular activity. Addictive social media use will look much like any other substance use disorder and may include mood modification (i.e., engagement in social media leads to a favorable change in emotional states), salience (i.e., behavioral, cognitive, and emotional preoccupation with social media), tolerance (i.e., ever-increasing use of social media over time), withdrawal symptoms (i.e., experiencing unpleasant physical and emotional symptoms when social media use is restricted or stopped), conflict (i.e., interpersonal problems ensue because of social media usage), and relapse (i.e., addicted individuals quickly revert back to their excessive social media usage after an abstinence period). The phenomena of social media addiction can be largely attributed to the dopamine-inducing social environments that social networking sites provide. Social media platforms such as Facebook, WhatsApp, Twitter, Snapchat, Instagram etc. produce the same neural circuitry that is caused by gambling and recreational drugs to keep consumers using their products as much as possible. Studies have shown that the constant stream of re- tweets, likes, and shares from these sites cause the brain's reward area to trigger the same kind of chemical reaction seen with drugs like Cocaine. In fact, *neuroscientists have compared social media interaction to a syringe of dopamine being injected straight into the system*.

According to our study, 31.27% are highly addicted since social media is the first thing that they check in the morning. **59.13% of the respondents cannot even think a day without social media**, from which it is obvious that how much they are vulnerable to the same.



Social media can also have some negative effects on time management. For example, social media can be a huge time-suck if you allow yourself to get caught up in it. It is easy to spend hours scrolling through your newsfeed or looking at other people's profiles. Our study says that many of the people are surprised by the time they spent on social media. 13.47%, **48.14%**, 24.61%, 13.78% spends below 1 hour, **1-3 hours**, 3-5 hours, and more than 5 hours respectively.





CONCLUSION

The use of social media has brought with it tremendous benefits and at the same time negative influences have been observed especially on human interactions. Today, many youths appear to be stuck with different social media platforms in order to meet varying needs depending on the user and the features of such platforms. The result is a depleted quality and importance of face-to-face interaction which remains an important aspect of human interactions. This study investigates the influence of social media on different groups of people based on age, gender and the accompanying health issues in this pandemic era.

Our society has become more vulnerable to social media .Irrespective of age or gender, we're are attracted to the fictional world made up by these virtual platforms