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Impact of Social Media Usage on Students' Mental Health: A Theoretical Approach

Saifulla Sardar[1]*, Suchismita Jana[2], Tripti Paria[2]

[1]PhD Scholar, School of Women's Studies, Jadavpur University, Kolkata, India
[2]B. Ed Student, Babasaheb Ambedkar Education University (BSAEU), Kolkata, India

Abstract: This study examines the impact of social media usage on students' mental health, focusing on anxiety, depression, and stress. Through a theoretical approach, the study utilizes Social Comparison Theory, Social Cognitive Theory, and Uses and Gratifications Theory to explore the psychological mechanisms that explain how social media affects students' emotional well-being. The findings highlight both the positive and negative emotional impacts of social media, where positive aspects like social support and self-expression are counterbalanced by negative effects, including cyberbullying, social comparison, and validation-seeking behaviors. Factors such as the duration of social media use, content type, and nature of interactions influence mental health outcomes. Excessive use, particularly passive consumption, is associated with negative psychological outcomes, while active engagement and positive content can foster emotional well-being. The study underscores the need for healthy online behaviors and support systems to mitigate the negative impacts of social media on students' mental health.
Keywords: Social Media, Mental Health, Social Comparison Theory, Anxiety, Depression.

INTRODUCTION

Social media usage has become an integral part of students' lives, particularly in the modern digital age. Platforms like Facebook, Instagram, Twitter, and TikTok are widely used by students for communication, entertainment, and self-expression. According to a study by Smith *et al.*, (2021), over 90% of university students engage in some form of social media on a daily basis, with a significant portion of their time spent on these platforms for both academic and social purposes. While social media has revolutionized communication and created opportunities for networking, learning, and access to information, it has also become a source of concern due to its potential impacts on mental health. For students, these platforms serve as a double-edged sword-offering both advantages and risks. On one hand, social media helps students connect with peers, find communities of interest, and access educational resources. On the other hand, excessive or problematic usage can lead to a variety of mental health issues, such as anxiety, depression, and sleep disturbances (Pantic, 2014). As social media platforms continue to evolve, understanding the implications of their use on student mental health is increasingly important.

The importance of studying the mental health impact of social media among students cannot be overstated. With the rapid growth of digital platforms, students are exposed to constant social comparison, cyberbullying, and other stressors that can significantly affect their emotional and psychological well-being. Research by Kuss and Griffiths (2017) suggests that prolonged social media use is associated with higher levels of anxiety and depression, especially when students engage in passive scrolling or compulsive checking of notifications. In contrast, social media can also offer mental health benefits, such as fostering social support and enabling individuals to express themselves freely. However, these positive effects are often overshadowed by the negative aspects, such as the pressure to maintain a curated online persona and the fear of missing out (FOMO) on activities that others may be participating in (Przybylski & Weinstein, 2017). Given these complexities, it is essential to investigate how different aspects of social media usage influence students' mental health. As the digital landscape continues to shape modern communication and social interactions, understanding this dynamic is critical not only for improving students' well-being but also for

informing interventions that can mitigate the negative effects of social media while promoting its positive potential. In today's interconnected world, this topic holds great relevance for both researchers and practitioners working in education, mental health, and technology.

Research Questions
i. How does social media usage affect students' mental health, specifically regarding anxiety, depression, and stress?
ii. What are the positive and negative emotional impacts of social media on students' well-being?
iii. What factors influence the mental health outcomes of students using social media?

Main Aims/ Objectives
The main objectives of the study are as follows:
i. To examine the impact of social media usage on students' mental health.
ii. To explore the positive and negative effects of social media on students' emotional well-being.
iii. To identify factors that influence the extent of social media's impact on students' mental health.

METHOD
This study adopts a qualitative research approach, focusing on the analysis of findings and discussion. Secondary data from credible sources, including books, journals, reports, articles, and online publications, were systematically reviewed to identify patterns, themes, and theoretical insights related to the impact of social media usage on students' mental health.

Theoretical Framework
Understanding the effects of social media on mental health requires a comprehensive approach that combines various psychological theories. In this study, the Social Comparison Theory (Festinger, 1954), Social Cognitive Theory (Bandura, 1986), and Uses and Gratifications Theory (Katz, Blumler, & Gurevitch, 1973) are particularly useful in explaining the psychological mechanisms behind social media's impact on mental health.

1. **Social Comparison Theory:** According to Festinger's (1954) Social Comparison Theory, individuals have an innate drive to evaluate their own opinions and abilities, often by comparing themselves to others. On social media, students are frequently exposed to curated content showcasing the best aspects of others' lives, leading to upward social comparisons. This constant comparison can result in feelings of inadequacy, low self-esteem, and dissatisfaction. Research by Tiggemann and Slater (2014) suggests that these comparisons, especially on image-driven platforms like Instagram, can significantly contribute to body image concerns and anxiety, which may ultimately affect students' mental health. This theory helps explain how social media usage can intensify negative emotions and exacerbate mental health issues such as depression and anxiety, as students internalize unrealistic standards.

2. **Social Cognitive Theory:** Bandura's Social Cognitive Theory (1986) emphasizes the role of observational learning and modeling in shaping behaviors and mental states. On social media, students often observe behaviors, attitudes, and lifestyles that they may aspire to emulate. This theory suggests that social media platforms act as a stage for vicarious learning, where students model behaviors seen in influencers, celebrities, and peers. However, this can create a disconnect between real-life experiences and the idealized portrayals online. According to research by Fardouly *et al*., (2015), students who frequently engage with influencers or models on social media may develop distorted body image perceptions, contributing to mental health issues such as eating disorders and low self-esteem. The theory also highlights the role of self-regulation; when students compare themselves to others on social media, they may experience negative emotional consequences, leading to a cycle of stress and depression.

3. **Uses and Gratifications Theory:** Katz *et al*., (1973) posited that individuals actively select and use media based on their needs, such as seeking entertainment, social interaction, or information. This theory is essential in understanding the motivations behind students' social media use and how those motivations can impact mental health. For example, some students may turn to social media for emotional support or a sense of community, which can have positive effects on their well-being. On the other hand, students who use social media to escape from real-life problems or seek validation through likes and comments may be more vulnerable to experiencing negative mental health outcomes (Kuss & Griffiths, 2017). By examining the different needs that drive social media usage, this theory helps explain why some students might experience positive emotional outcomes, while others may struggle with feelings of anxiety, loneliness, or depression.

Online Behaviors and Mental Health Outcomes
The interplay between online behaviors-such as frequent checking, posting, and messaging-and mental health outcomes is a crucial aspect of understanding how social media usage affects students. Research has shown that these behaviors can have both direct and indirect effects on emotional well-being.
1) **Frequent Checking:** Constantly checking social media for notifications, updates, or

messages is a common behavior among students. This frequent checking can create a cycle of dependence and anxiety, as students feel compelled to stay connected and up-to-date. According to a study by Przybylski and Weinstein (2017), the need for constant social validation through likes, comments, or shares can trigger anxiety and stress, particularly when students perceive a lack of social engagement or approval online. The pressure to stay active and engaged on social media can contribute to feelings of inadequacy and lower self-esteem, which negatively impact mental health.

2) **Posting and Self-Presentation:** Posting content on social media, particularly content related to personal achievements, lifestyle, or appearance, has been linked to self-esteem issues and mental health struggles. According to the Social Comparison Theory, students who frequently post may engage in comparison with others, leading to feelings of anxiety if their posts do not receive the expected level of attention or validation (Vogel *et al*., 2014). Additionally, Social Cognitive Theory suggests that students may be influenced by the feedback they receive on their posts, with positive reinforcement leading to temporary boosts in self-esteem, while negative feedback can exacerbate feelings of inadequacy or depression. This pattern of seeking external validation through social media posts highlights how the desire to present an idealized version of oneself online can negatively impact students' mental health.

3) **Messaging and Social Interaction:** Messaging and direct social interactions on social media platforms also play a significant role in shaping students' mental health. While social media can provide a sense of social connection, excessive messaging or the fear of missing out (FOMO) can lead to feelings of isolation and anxiety. Research by Błachnio *et al.,* (2016) found that students who engage in excessive messaging or feel pressure to maintain online communication may experience higher levels of stress and emotional exhaustion. Furthermore, negative experiences such as cyberbullying or exclusion from online groups can have long-lasting emotional consequences, leading to depression and even suicidal ideation (Patchin & Hinduja, 2010). These online behaviors, while seemingly innocuous, can significantly contribute to mental health struggles among students.

FINDINGS AND DISCUSSION

The findings and discussions are theoretically analysed in accordance with the research questions of the study-

RQ i: How does social media usage affect students' mental health, specifically regarding anxiety, depression, and stress?

Social media usage has been shown to significantly influence students' mental health, particularly in terms of anxiety, depression, and stress. Numerous studies have identified a link between social media engagement and negative emotional outcomes. For instance, Kuss and Griffiths (2017) found that excessive social media use is associated with higher levels of anxiety and depression, particularly when students engage in passive consumption, such as scrolling through feeds without actively interacting. This passive usage often leads to negative social comparison, where students compare their lives to the idealized versions they see on social media, contributing to feelings of inadequacy and stress (Tiggemann & Slater, 2014). Moreover, the pressure to maintain an idealized online persona can heighten stress levels, as students constantly worry about how they are perceived by their peers online (Fardouly *et al*., 2015).

Research also highlights the role of Fear of Missing out (FOMO), which exacerbates feelings of anxiety. FOMO occurs when students see others participating in activities they are not involved in, triggering feelings of exclusion and loneliness. Przybylski and Weinstein (2017) argue that FOMO significantly contributes to stress, particularly among adolescents and young adults. This constant exposure to the curated, often unrealistic, lives of others can result in emotional distress, as students feel compelled to match the standards they see online.

Additionally, social media use can also interfere with sleep patterns, which directly affects mental health. The blue light emitted from screens can disrupt circadian rhythms, leading to poor sleep quality. LeBourgeois *et al*., (2017) found that poor sleep hygiene associated with late-night social media use is linked to higher levels of depression and anxiety. These findings suggest that social media use, particularly excessive or poorly timed usage, can significantly impact mental health by increasing stress, anxiety, and depressive symptoms.

RQ ii: What are the positive and negative emotional impacts of social media on students' well-being?

Social media has both positive and negative effects on students' emotional well-being, and these effects are shaped by how and why students use these platforms. On the positive side, social media can provide a sense of social support and belonging. According to Fuchs (2017), online platforms offer students the opportunity to connect with friends, family, and like-minded individuals, which can help alleviate feelings of loneliness and isolation. For students in academic environments, social media can also serve as a tool for collaboration and information-sharing, facilitating peer

support networks and academic engagement (Junco, 2012). Additionally, social media offers a space for self-expression, where students can share their thoughts, accomplishments, and creative work, leading to a boost in self-esteem and personal growth (Tifferet & Vilchinsky, 2015).

However, the negative emotional impacts of social media on students' well-being cannot be ignored. Social Comparison Theory (Festinger, 1954) suggests that exposure to idealized images and lifestyles on social media leads students to compare themselves unfavorably to others, contributing to body image dissatisfaction, lower self-esteem, and feelings of inadequacy. This is especially pronounced on platforms like Instagram, which emphasizes visual content. Studies have shown that frequent social comparison on social media correlates with increased body dissatisfaction and higher rates of depression (Fardouly *et al*., 2015). Moreover, cyberbullying and negative online interactions can significantly impact students' emotional well-being. Victims of online harassment often experience anxiety, depression, and in some extreme cases, suicidal ideation (Patchin & Hinduja, 2010).

The constant validation-seeking behavior associated with social media use-such as seeking likes, comments, and shares-can also create a vicious cycle of dependence, where students' self-worth becomes tied to online feedback. This cycle often exacerbates feelings of stress and anxiety, especially when students do not receive the validation they expect. According to Valkenburg and Peter (2013), this process of social media feedback loops can lead to a decline in students' emotional well-being, as they continually chase after external validation.

RQ iii: What factors influence the mental health outcomes of students using social media?

Several factors influence the mental health outcomes of students using social media, including the duration of usage, the content consumed, and the types of interactions students engage in. The duration of social media use plays a significant role in determining its mental health impact. Studies have shown that increased time spent on social media correlates with higher levels of anxiety and depression (Kuss & Griffiths, 2017). Active engagement in online interactions-such as commenting, posting, or messaging-can be less harmful than passive scrolling. According to Valkenburg and Peter (2013), active participation can foster a sense of social connection, whereas passive consumption, particularly without interaction, can lead to feelings of isolation and dissatisfaction.

The type of content consumed also plays a crucial role. Exposure to positive, uplifting content-such as motivational posts or supportive online communities-can have a beneficial impact on students' mental health

by promoting social support and positive self-expression (Manago *et al*., 2015). However, negative content, such as posts about peer success, unrealistic beauty standards, or distressing news, can trigger anxiety, feelings of inadequacy, and emotional distress. Social Comparison Theory highlights that the more students engage with idealized portrayals of others' lives, the more likely they are to experience negative emotional outcomes, such as depression and low self-esteem (Tiggemann & Slater, 2014).

The nature of online interactions also influences mental health outcomes. Students who experience cyberbullying, harassment, or exclusion on social media are more likely to report higher levels of stress, anxiety, and depression (Patchin & Hinduja, 2010). Conversely, students who experience positive reinforcement through online support networks and constructive interactions are more likely to report improved emotional well-being. Peer interactions that involve social support, encouragement, and feedback can mitigate the negative effects of social media usage and promote positive mental health outcomes.

CONCLUSION

Social media has a profound impact on students' mental health, with both positive and negative emotional outcomes. While social media offers opportunities for social support, self-expression, and connection, it also poses significant risks, particularly in relation to anxiety, depression, and stress. The theoretical frameworks, including Social Comparison Theory, Social Cognitive Theory, and Uses and Gratifications Theory, provide valuable insights into the psychological mechanisms behind these effects, helping us understand how and why social media influences students' mental health. Factors such as the duration of use, the type of content consumed, and the nature of online interactions all play crucial roles in determining whether social media serves as a tool for positive emotional growth or a catalyst for negative psychological outcomes. To mitigate the negative impacts and enhance the benefits of social media, it is essential for students, educators, and mental health professionals to foster healthy online behaviors and provide support systems that can counteract the stressors associated with digital engagement.

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