

Impact of social media on academic performance of MIDSR dental students

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Abstract: The purpose of this study is to determine the impact of growing use of social media on academic performance of dental students. Study was conducted selecting a sample of 350 students. Questionnaire was made and used as a method of data collection. Analysis of the data was done and results were drawn. Maximum responses of the study concludes the results to be positive .87.4% of students believe that impact of social media on academic performance is positive. Social media benefits students in their carrier and gaining knowledge. Social media sites like YouTube, Zoom, Watsapp, Telegram, and other educational websites helps students as they are easily accessible thus affecting positively on their academic performance.

INTRODUCTION:

Social media defined as website and applications that enable users to create content and share on social networking sites. Social Media plays important role in building relationships and staying connected with people, useful for education purpose, opportunities for businesses. Social media also allows to reach large audience and build brand. It is best source for information, entertainment and inspiration. Social media provides individuals with a base that prevents barriers of time, and distance which helps them to stay connected with each other.

Social media has also been very helpful in having a positive impact on mental health and wellbeing. It has induced every aspect of life like Social, Political, Economical, Educational and Entertainment.

Education and social media are best combination if used effectively. Social media is a platform which helps developing new educational possibilities for students. Social has become an essential part of students life.

Social media helps students in many aspects like posting educational photos, articles, making power point presentation also encourages self learning.

Few applications like Zoom, Google meet, Telegram, Watsapp, YouTube have been highly beneficial in live lectures, attending classes, gaining knowledge, sharing ideas and learning comfortably.

these applications have played a major role for students during pandemic.

Social media has many positive effects on education, but it also has some negative effects.

There is a constant pressure among students about fear if missing out(FOMO) .

Social media can lead to depression, Anxiety, risk of cyber bullying, also there can be access to inappropriate content.

Excess usage of social media causes an impact on health like obesity issues, not having enough sleep due to excessive screen time, behaviour change , loss of privacy.

Social media addiction like using social networking sites as soon as you wake up, continuously scrolling through content, posting too many photos daily leads to waste of time and loss of productivity.

However it depends on individual how we perceive social media either for usage, gaining knowledge or entertainment.

Social media programs in educational institutes leads so many students to get motivated and promote to gain knowledge. Students use Educational content on YouTube, get easy access to Online notes and pdf and learn via video meetings like zoom, google meet, watsapp, etc.

Social networking sites contribute major role in educational development and helps to upgrade students performance. Social media is affecting both positive and negative effects on academic performances of students. Hence, present study is conducted to evaluate effects of social media on academic performance of MIDSR dental students.

Methodology :

The study was questionnaire based and descriptive cross sectional study with administered questionnaire that was developed and disseminated digitally through dental students.

This study was conducted among 350 students of MIDSR dental college both undergraduate and postgraduate students have participated in the study.

A total 14 questions were designed to evaluate impact of social media on academic performance of dental students of MIDSR dental college. The questionnaire was in the form of multiple choice questions.

Ethical approval:

The institutional ethics committee of the Maharashtra institute of dental science and research latur under registration number- MIDSR /STU/IEC-102/ 837 / 2022 approved the study

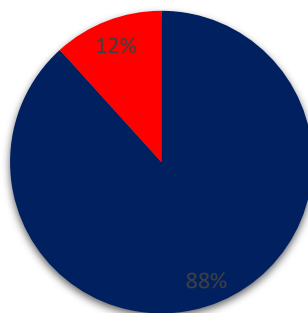
Informed consent:

The participants were informed that their participation in the studies questionnaire was entirely on a voluntary basis before they responded. The formal informed consent was provided by the institutional ethics committee.

RESULT:

The study was conducted among the students of MIDSr dental college latur. In this study total 350 participants were included out of which 41 participants were MDS students & 309 participants were BDS students.

Amongst the 350 participants , majority of the participants were female (72.7%) & remaining were male (27.3%).



Study Participants ■ BDS participants ■ MDS participants

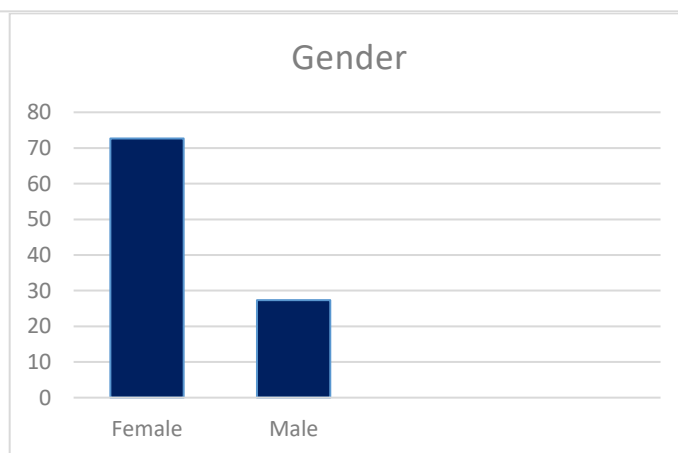


Table 1: Percentage analysis of Yes or No responses of study participants-

| Sr no. | Question | Total responses | Yes | No |
|--------|-----------------------------------------------------------------------------------------------------|-----------------|--------------|--------------|
| 1 | Do you use any kind of social media ? | 346 | 306(87.43%) | 40(11.43%) |
| 2 | Do you feel social media has positive effect on academic performance ? | 344 | 211(61.33%) | 133(38.66%) |
| 3 | Is there any improvement in your grades due to use of social media ? | 348 | 224(64.36%) | 124(35.63%) |
| 4 | Do you feel distracted by social media during study hours ? | 347 | 277(79.82%) | 70 (20.17%) |
| 5 | Do you think offline lectures are more beneficial for your academic performance over social media ? | 300 | 47 (15.66%) | 253(84.33%) |
| 6 | Do you use social media to communicate with professionals for guidance ? | 348 | 219 (62.93%) | 129 (37.06%) |

Some students do use social media (87.4%), which benefits them to improve their academic performance(61.3%) other (38.6%) don't think so.

79.8% students feel distracted by social media during study hours. Majority of the participants (84.3%) thinks that social media is more beneficial than offline lectures.

Some participants (62.9%) use social media to communicate with professionals for guidance while remaining don't.

Table 2: Percentage analysis of usage duration & impact of social media on academic performance

| Sr no. | question | Findings | percentage |
|--------|------------------------------------------------------------------------------------------|------------------------------------------------|----------------------------|
| 1 | How often do you spend on social media ? | 1 hour or less 2 to 3 hours 4 to 5 hours | 27.14% 50.29% 22.57% |
| 2 | How much time do you spend on social media to watch educational content ? | Half hour 1 hour 2 hours | 17.14% 34% 50% |
| 3 | How would you limit usage of social media ? | App timer Uninstalling Unable to limit | 47.72% 35.71% 16.57% |
| 4 | Do you think social media like (zoom,googlemeet,youtube)made our academics more easier ? | Agree Disagree Somewhat agree | 45.71% 24.57% 29.71% |
| 5 | What is your main purpose of using social media ? | information entertainment stress relief | 37.15% 37.14% 25.71% |
| 6 | How do you find social media beneficial for studies ? | Knowledge Clearing doubts both | 35.72% 28.86% 35.43% |

50% of the students use social media for 2 hrs for watching educational content. 47.7% students believe that various apps like zoom, google meet , youtube ,etc

made academics easier . Most of the students find social media beneficial for improving their studies by gaining knowledge and clearing doubts through it.

Discussion:

Now a days, social media has been surged worldwide. It is considered as a significant source of information and knowledge .

Dental students have also accepted that the significance of social media as the knowledge gained from it proves to be beneficial for boosting academic performance. Social media has enormous effect on academic performance of dental students .In present study among 350 participants 61.3% participants thinks that social media has positive impact on academic performance & 64.4% participants believes that social media improves grades & helps students to boost their academic performance which shows similar results to the studies done by Zahid A, Ahmad M, Syed R & Faisal H .

Participants seem to be using social media for their own educational purpose and to improve their knowledge by gaining more information and clearing doubts In accordance with, various studies the result of this study confirms that social media has positive impact on academic performance of dental students enormously, but at the same time it has negative effect also.

Conclusion:

This study gives confirming and illuminating information. The usage of social media showed a positive impact on dental students academic performance ,Thus this study shows that social media serves as a dynamic tool to expedite the development of open learning settings by encouraging collaboration , group discussion and the exchange of ideas between students that reinforce their learning behavior and academic performance .

Declaration of conflicting interests : The researchers declared no potential conflicts of interest with respect to the research, authorship, and/or publication of this article.

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