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## A study to assess the impact of social media on educational system among nursing students in selected college at Chennai

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### Abstract

The aim of the research was to evaluate the impact of social media in educational system among nursing students in selected college. The descriptive exploratory research design was adopted. The study was done on 30 samples selected by simple random sampling technique from a selected college. The data was collected through questionnaire (Demographic variable) and JOHN BATUIGAS survey tool with 15 questionnaires. After obtaining the permission from the concerned authorities, the data was collected. Each question consists 15 marks. With regard to Social media influencing educational system indicates less than 25, between 25-50 is moderately Influenced and more then 50 is highly influenced by social media in academic performance. The results revealed that half of the samples 12 (40.01) spend most of their time in social media for more than 3 hrs. 8(26.7%) spend 2 -3 hours, 6(20.0%) spend 1-2 hours and remaining only 4(12.3%) spend less than 1 hour. All 30-sample accessed social media through mobile phone, in that majority of nursing students 26(86.7%) were moderately influenced by social media in their academic performance, few students 3(10.0%) were highly influenced, only 1(3.3%) was less influenced by social media.

**Keywords:** Social media, academic performance, education system

### Introduction

The major goal of this research is to see how social media has impact on college students in academic performance. The integration of social media into everyday life has created a significant shift in the way nursing students learn and engage with educational content. While social media can bridge gaps in knowledge through easy access to professional networks and resources, it can also serve as a source of distraction leading to reduce productivity and compromised learning outcomes. Students frequently use social media networking, sites and application. They spend a significant amount of time on these sites on a daily basis. According to several studies, university and college students are most of the active users of social networking sites among students of various ages. In fact students have various options to better their knowledge by interacting with learning group and other educational system. Students can also share information by forming connection with diverse people. This has the potential to improve student learning results. Student spends a significant amount of time on social media throughout the day and at night and it can be argued that technology plays a significant role in their everyday life. We believe that technology is an important aspect of student's success as social media sites in popularity. Nursing students are expected to handle rigorous academic schedules and acquired practical skills, which necessitates a disciplined and focused approach to education. The unregulated use of social media during study hours and clinical preparation may adversely affect these objectives. On the other hand, structured and purposeful use of social media can enhance collaborative learning provide exposure to global nursing practices and improve digital literacy skill.

### Statement of the problem

A study to assess the impact of social media on educational system among nursing students in selected college at Chennai.

**Objectives**

1. To assess the level of impact on social media among nursing students.
2. To find out the association of selected demographic variables with level of impact on social media among nursing students

**Methodology**

Quantitative research approach was adopted for the study. Descriptive exploratory research design was selected. The study was conducted in Madha College of Nursing Kundrathur at Chennai. A sample of 30 B.Sc. Nursing 1st year students who fulfills the inclusion Criteria were chosen using simple random sampling technique. The data collection was conducted by using JOHN BATUIGAS survey tool with 15 questionnaires. Each question consists 15 marks. Less than 25 sample were lower impact by social media in academic performance, between 25-50 were had moderate impact and more than 50 sample had high impact by social media in their academic performance. All samples were accessed social media through their mobile phones.

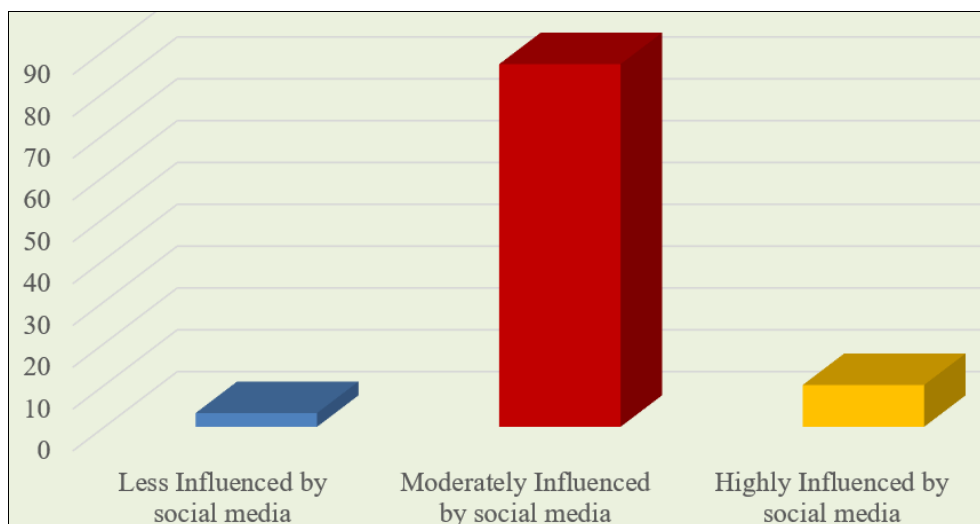
**Results and Discussion**

The more than half of the samples 17(56.7%) were in the age group of 18 years, 12(40.0%) were in 19 years and only 1(3.3%) were in 20 year ages. With regard to gender,

majority of the samples were females 23(76.7%) compared to males were 7 (23.3%). In relation to attendance, majority of the samples 26(86.7%) had the attendance between 76% to 100%, 3 participants had attendance between 51% and 75%, only one study participant had attendance between 26% and 50%, and none had below 25%. of attendance. Time spend on social media, nearly half of the samples 12(40.0%) spends most of their time on social media for more than 3 hours, 8(26.7%) of study participant spends 2-3 hours, 6(20.0%) were spend 1-2 hours, and remaining only 4(12.3%) of them had spent less than 1 hour, which indicates that the majority of the sample has a considerable amount of time spending with social media. All the sample 30(100.0%) were accessed the social media through their mobile phones, and no one uses laptops, tablets, or any other electronic gadgets

**The first objective was to assess the level of impact on social media in academic performance among nursing students**

The level of impact on social media in academic performance among nursing students were analyzed in three levels such as less influenced by social media in their academic performance, moderately influenced and highly influenced by social media using frequency and percentage.



**Fig 1:** Presents the percentage distribution of level of impact on social media

In academic performance among nursing students

**Table 1:** Frequency and percentage distribution of level of impact on social media in academic performance among nursing students, N=30

Level of Impact on social media in academic performance	F	%
Less Influenced by social media	1	3.3
Moderately Influenced by social media	26	86.7
Highly Influenced by social media	3	10.0

Table 1 presents the frequency and percentage distribution of level of impact on social media in academic performance among nursing students.

The majority of the nursing students 26(86.7%) were moderately influenced by social media in their academic performance. A smaller portion of the students 3(10.0%) were highly influenced by social media in their academic

performance and only 1(3.3%) student was less influenced by social media in their academic performance. The table concluded that, majority of the nursing students' academic performance were moderately impacted with the usage of social media aacademic performance among nursing students.

**The second objective was to associate the selected demographic variables with level of impact on social media in Education**

This section presents the association between level of impact on social media in academic performance of the students with their selected demographic variables such as age in years, gender, percentage of attendance and time spend in social media, were analyzed by using chi-square test.

**Table 2:** Association Between the demographic characteristic and the level of impact on social media in academic performance

Sl. No.	Demographic Characteristics	Level of Impact			$\chi^2$ value	Significant value
		@ Less influenced	Moderately influenced	Highly influenced		
1	Age in Years			0.089 NS	0.765	
	18 Years	0	15			
	≥19 Years	1	11			
2	Gender			0.155 NS	0.694	
	Male	0	6			
	Female	1	20			
3	Percentage of Attendance			1.074 NS	0.299	
	< 75%	0	3			
	≥ 75%	1	23			
4	Time Spend in social media			1.534 NS	0.215	
	< 2 Hours	0	8			
	≥ 2 Hours	1	18			

NS – Not significant at  $p < 0.05$  \* - Significant at  $p < 0.05$

Table 2 presents the association between the demographic characteristics and level of impact on social media in academic performance

There is no significant association between the selected demographic variables such as age in years, gender, percentage of attendance and time spend in social media with the level of impact that social media had on their academic performance of nursing students.

**Conclusion**

The present study was conducted to study the impact of social media in educational system. The study findings showed that majority of the nursing students' academic performance were moderately impacted with the usage of social media.

**Conflict of Interest**

Not available.

**Financial Support**

Not available.

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