

**Whatsapp Utilization And Academic Performance Of College Students –A
Case Study**

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Abstract:

Today we are all in the competitive world. To survive and success in this competitive environment we are aware of technology. Technology plays important role in the academic performance of students. Whatsapp is one of the device for communication of information. We will get fast, simple and secure messaging and calling for free available on phones all over the world. It is very helpful for the students in their education. Whatsapp become a very popular mode of communication among the youth in the world. This paper has analysed the opinion of students on Whatsapp utilization. The objective of the study is to know the opinion of the students towards Whatsapp utilization. The study is based on both primary and secondary data. To carry out the study used structured questionnaire as a sample of 100 students of government colleges of Belthangady Taluk. The study concludes that students use whatsapp both for personal and academic purpose. They have good feelings about whatsapp usage. It has become a very popular mode of exchange to share the study materials. The use of whatsapp facilitates learning resources and significant impact on students' academic performance.

Key words: Whatsapp, social media, academic performance, communication and education purpose

Introduction:

Whatsapp is one of the changes in technology that is commonly used on specific mobile phones and computers. Social networks are very popular among the students to meet their needs

in education. whatsapp is one of the media of communication and has become one of the important elements of daily life of students. The high number of people joining social media and it provides various opportunity for sharing their information, views and thoughts. Depending on the purpose and form of use of social media it has both positive and negative impact on education. A positive benefit includes student teacher interaction, motivation and academic success. The excess use of whatsapp effect on the academic life of the students and finally it effects on their results.

Objectives of the study:

1. To study the opinion of the students on whatsapp usage
2. To know the frequency in whatsapp usage
3. To study the impact of whatsapp usage on academic performance of students

Hypothesis:

H1: there is no significant difference in the opinion about whatsapp usage among the students belongs to different sex

H2: There is no significant difference in the opinion about whatsapp usage of different discipline

Scope of the study:

The area of the study is Belthangady Taluk. The respondents are college students. Professional, medical and engineering colleges have been excluded from the study and only the arts, commerce and science students are included in the study. The study also excludes the pre university college students.

Importance of the study;

This survey analysis may be useful for academicians and researchers for understanding the behavior of whatsapp users and reflect the possibility of using whatsapp in education, social sciences and governance.

Research methodology;

The population under study was graduate students of government colleges. Both primary data and secondary data were used. Primary data were collected by preparing one hundred questionnaire were distribute to the students of Arts, Commerce and Science stream of government colleges. Statistical tools used in the study are tables, percentages, mode and median. For the purpose of testing the hypothesis chi-square tests are used.

Literature Review:

Levent Centinkaya in his study analysed that students developed positive opinions towards in the use of whatsapp in their courses.

A.J.Joicy,et.al. in their study states that whatsapp is a vital tool of communication used mainly for one to one communication students used the whatsapp in their education to be easy, fun and useful

Izyani Binti Mistar,et.al. in their study states that whatsapp application has become popular as a mobile learning style and regards as one of the communication platform. It helps the students learning the language better and enhancing their proficiency in using the English language

Al-MothanaM.Gasaymeh, concluded that the use of whats app was common among participants. Students use whatsapp for personal and social purposes on a daily basis. Among the participants the use of whatsapp for educational purpose was limited. The participants perceived the integration of whatsapp in to their education to be very easy.

Data analysis:

Table –no- 1

Variable	response	frequency	percentage
Gender	Male	25	25
	Female	75	75
	Total	100	100

Discipline	Commerce	69	69
	Arts	25	25
	Science	6	6
		100	100
Frequency of time spent	Several times a day	53	53
	Once in a day	32	32
	Several times per week	8	8
	Once in a week	4	4
	Once in a month	3	3
	Total	100	100
Reason for use	It is free	13	13
	Time pass	6	6
	Peer influence	16	16
	Communicate to others	41	41
	Express feelings	24	24
	Total	100	100

Interpretation:

Above table shows that 75% of the respondents are female and 25% of the respondents are male.

69% of the respondents from commerce stream, 25% from Arts and 6% from science.

Majority of the students (53%) use the whatsapp several times in a day, 32% of the students use it once in a day, 8% of them are using it several times per week, 4% once in a week and 3% use it once in a month.

40% of the students use for communication, 24% use for the purpose of sharing their feelings, 16% of them are using it as they are influenced by their peers, 13% of the respondents use it because cheaper and only 6% of the sample uses it for time pass.

Table no -2

Opinion of students about whatsapp usage

Sl.no	Statements	Likert point						
		5	4	3	2	1	Median	Mode
1	Whatsapp is useful for learning	30	41	19	4	6	4	4
2	To get friends	31	32	21	11	5	4	4
3	Sharing information	42	27	23	7	1	4	5
4	No waste of time in whatsapp	18	30	22	15	15	3	4
5	Useful for communication	39	33	15	9	4	4	5
6	Increasing knowledge	20	31	28	14	7	4	4
7	Reduces mental stress	16	26	25	18	15	3	4
8	Maintain social relationship	39	32	17	9	3	4	5
9	Helps to get study materials	55	25	13	4	3	5	5
10	Save money	5	16	11	15	53	1	1

Source : primary data

Table no two shows the opinion of students on whatsapp usage. Above table shows that 41% of the students agreed and 30% of the respondents strongly agreed that whatsapp is useful for learning. 32% agreed and 31% strongly agreed that whatsapp helps them to get good friends. 42% strongly agreed and 27% agreed that whatsapp is useful for sharing information. 30% agreed and 18% strongly agreed that whatsapp doesn't waste their time. 39% strongly agreed and 33% of the respondents agree that whatsapp increases communication level with their friends and relatives. 31% of the respondents agreed and 20% of the respondents strongly agree that whatsapp increases their knowledge. 26% of the respondents agreed and 16% strongly agreed that whatsapp reduce their mental stress. 39% strongly agreed and 32% agreed that whatsapp maintain social relationship. 55% of the respondents strongly agreed and 25% of the respondents

agreed that whatsapp helps to get study materials from teachers and friends. Finally more than 50% of the respondents opine that whatsapp will not save money.

Testing of hypothesis:

H1: there is no significant difference in the opinion about whatsapp usage among the students belongs to different sex

Table 3

Gender	Statement	1	2	3	4	5	6	7	8	9	10
Female	SA	34.7	22.7	45.3	13.3	41.3	20	17.3	37.3	61.3	4
	A	40	33.3	25.3	30.7	32	30.7	25.3	32	21.3	17.3
	N	14.7	25.3	18.7	25.3	14.7	26.7	25.3	16	9.33	10.7
	DA	5.33	12	9.33	13.3	8	16	18.7	10.7	4	17.3
	SDA	5.33	6.67	1.33	17.3	4	6.67	13.3	4	4	50.7
	TOAL	75	75	75	75	75	75	75	75	75	75
	Mode	4	4	5	4	5	4	4	5	5	1
	Median	4	4	4	3	4	4	3	4	5	1

Gender	Statement	1	2	3	4	5	6	7	8	9	10
Male	SA	16	56	32	32	32	20	12	44	36	8
	A	44	28	32	28	36	32	28	32	36	12
	N	32	8	36	12	16	32	24	20	24	12
	DA	0	8	0	20	12	8	16	4	4	8
	SDA	8	0	0	8	4	8	20	0	0	60
	TOAL	25	25	25	25	25	25	25	25	25	25
	Mode	4	5	3	5	4	4	4	5	4	1
	Median	4	5	4	4	4	4	3	4	4	1
Chi-square		22.9	11.5	6.22	6.83	0.87	1.11	1.03	2.32	7.90	2.36

Table 3 represents the difference of opinion of the students on whatsapp on the basis of gender. chi-square test is conducted to test the hypothesis. At 5% level of significance table value is 9.488. For the first two statements calculated value is more than table value is significant and for the remaining statements calculated value is less than table value. So it is concluded that there is no significant difference in the opinion of the male and female students.

Table no 4

H2: There is no significant difference in the opinion about whatsapp usage of different disciplines

discipline	Statement	1	2	3	4	5	6	7	8	9	10
Arts	SA	58.3	16.7	37.5	4.2	45.8	8.3	33.3	50	45.8	8.3
	A	12.5	37.5	33.3	16.7	25	41.7	16.7	12.5	16.7	8.3
	N	12.5	12.5	20.8	45.8	16.7	20.8	12.5	16.7	16.7	8.3
	DA	0	25	8.3	16.7	4.2	20.8	25	16.7	8.3	8.3
	SDA	16.7	8.3	0	16.7	8.3	8.3	12.5	4.2	12.5	66.7
	TOAL	24	24	24	24	24	24	24	24	24	24
	Mode	5	4	5	3	5	4	5	5	5	1
	Median	5	4	4	3	4	3.5	3.5	4.5	4	1
discipline	Statement	1	2	3	4	5	6	7	8	9	10
Commerce	SA	21.4	37.1	42.9	24.3	38.6	22.9	10	37.1	60	4.3
	A	47.1	30	25.7	32.9	32.9	27.1	28.6	35.7	25.7	17.1
	N	22.9	22.9	24.3	15.7	15.7	31.4	30	17.1	11.4	11.4
	DA	5.7	5.7	5.7	14.3	11.4	11.4	14.3	7.1	2.9	15.7
	SDA	2.9	4.3	1.4	12.9	1.4	7.1	17.1	2.9	0	51.4
	TOAL	70	70	70	70	70	70	70	70	70	70
	Mode	4	5	5	4	5	3	3	5	5	1
	Median	4	4	4	4	4	3.5	3	4	5	1
discipline	Statement	1	2	3	4	5	6	7	8	9	10
	SA	16.7	16.7	50	0	16.7	33.3	16.7	16.7	33.3	0
	A	83.3	33.3	16.7	50	66.7	33.3	33.3	66.7	50	33.3

Science	N	0	33.3	16.7	0	0	16.7	16.7	16.7	16.7	16.7
	DA	0	16.7	16.7	16.7	0	16.7	33.3	0	0	33.3
	SDA	0	0	0	33.3	16.7	0	0	0	0	16.7
	TOAL	6	6	6	6	6	6	6	6	6	6
	Mode	4	4	5	4	4	5	3	4	4	4
	Median	4	3.5	4.5	3	4	4	3.5	4	4	2.5
Chi-square		26.51	26.5	11.7	2.5	18	10.9	6.3	12.7	9.7	14.9

Table 4 shows the difference of opinion of the students on the basis of their discipline. The calculated value of chi-square is more than table value at 5% level of significance (15.507) in first two statements and less than remaining statement hence it is concluded that there is no significant difference in the opinion of the arts, commerce and science students about whatsapp usage.

Findings and conclusion:

Majority of the students use the whatsapp several times a day to communicate the information or message. It is found that students normally use whatsapp to get the study materials from their friends and teachers. They opine that the role of whatsapp reducing mental stress and build up social relationships. After a detailed analysis of the data collected it is concluded that the students have a positive attitude towards whatsapp. It has become a very effective and economical social media to create friendship, exchange ideas and thoughts with academic and non academic persons.

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