

THE IMPACT AND USAGE OF MOBILE PHONE TECHNOLOGIES AMONG THE STUDENTS OF PIETECH: A STUDY

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ABSTRACT

The adoption of the mobile phone by young people has been a global phenomenon in recent years. In fact, the mobile phone has turned from a technological tool to a social tool. This study focuses on exploring the pattern of mobile phone technologies usage among students in Pollachi institute of engineering and technology, Pollachi. It also attempts to examine the impact of mobile phones for academic work. Questionnaire survey method was used to elicit the responses. The students of first year to final students were considered as population and simple random sampling technique were used to select the sample of 200 students. The collected data were analyzed with the help of basic tools and techniques to draw meaningful inferences and conclusion.

Keywords: Mobile Technologies, Mobile Phones, Impact and usage

1. INTRODUCTION

The invention of the fixed telephones in the late 19th Century in the World changed the way that people interacted and communicated. This has been paralleled in the 21st Century by the advent of mobile phone. The mobile phone has originally created for adults for business use. Telephone Engineers has explained that the telephone was made for the business world and not for the social

conversation. Nowadays mobile phones have become status symbol for students. However there is a these technologies capture attention and have usability and the easiness of everyday life. The primary dimension distinguishes studies of the determinants of mobile adoption from those that assess the impacts of mobile use, and from those focused on the impact mobile technologies to students.

2. OBJECTIVES OF THE STUDY

1. To measures to proper usage of mobile phones among academic work
2. To study the impact of mobile phone usage
3. To identify the various factors influencing the students use mobile phones
4. To identify the functions of mobile phone
5. To examine Advantage of using mobile phone

3. REVIEW OF LITERATURE

Aoki and Downes (2004)¹ focused on the behavioral and psychological aspects of cell phone usage among college students. They tried to find the reasons behind why a technology is adopted in a particular way. They identified several attitudinal factors based on the exploratory study including, necessity in modern times, cost efficiency when compared to landline phone, safety or security, and

Bianchi and Phillips (2005)² frequency of mobile Phone use alone may not gauge adequately the extent to which people interact with their phones. To overcome this limitation, some recent

James and Drennan (2005)³ conducted a study on Australian students and identified a higher usage rate of 1.5 hours – 5 hours a day. They also

Matthews (2004)⁴ concluded that Australian adolescents do not make more than 5 calls a day on average and 85% of them used SMS less than 5 times a day.

Sadaf Nawaz¹, Zahoor Ahmad (2012)⁵ Statistical Study of Impact of Mobile on Student's Life They concluded They miss their family when mobile is not present with them. They give 180 or less

dependency. The study also endeavored to look at the motivational and behavioral characteristics of mobile phone usage. The authors tried to combine their results and the result of previous research to find the trends in usage by the youth, —why college students in the US use the cell phone, what they think of the technology, and how they use it (p. 352).

research has developed alternative measures of mobile phone behavior drawn from addiction literature which capture broader aspects of mobile phone behavior than level of use alone.

highlighted the financial costs, emotional stress, damaged relationships and falling literacy as adverse consequences of excessive usage.

Studies also show gender related differences among young users of mobile phone.

than 180 minutes to mobile on the average. Girls do not give equal time to mobile and study, but boys students give equal time to mobile and study. Boys mostly use night packages as compared to girl's students.

4. METHODOLOGY

This research is about usage and impact of mobile phones and how students make use of it. To find the Factors that help of academic work.

Research design:

Descriptive research design has been used for the study.

Sampling techniques:

Stratified random sampling has been derived from non- probability sampling method to select students in Pollachi institute of engineering and technology, Pollachi, Tamil Nadu

Sample size & Data collection:

From the total student’s population of Pollachi institute of engineering and technology, 200 students are chosen as sample size for the study and the datais collected through a Structured Questionnaire.

Tools and Techniques:

Percentage Analysis

5. LIMITATIONS OF THE STUDY

The present study has the following limitations:

The main objective of the study is to examine the factors of usage and impact students. Hence, this study does not focus on the faculty and others. There are many variables that influence the students, but

this study is confined to selected variables only. Specified sample unit is selected, from first year to final year students only taken into consideration.

6. ANALYSIS AND INTERPRETATION

Table 1.Gender wise Distribution

S.No	Gender	No. of Respondents	Percentage
1	Male	108	54
2	Female	92	46
		200	100

Gender wise Distribution

From the above Table.1 shows the gender wise details of this study. 54 % were male students and 46 % of female students of respondents.

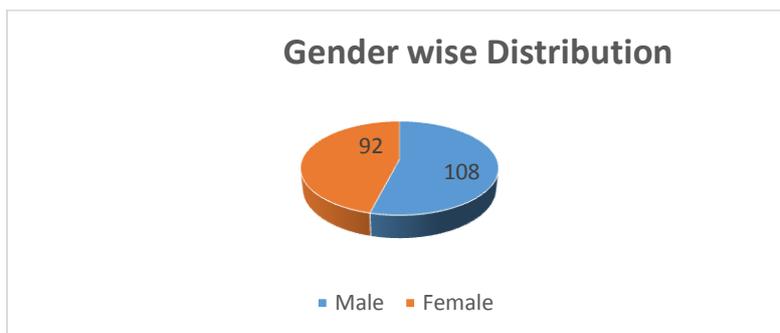


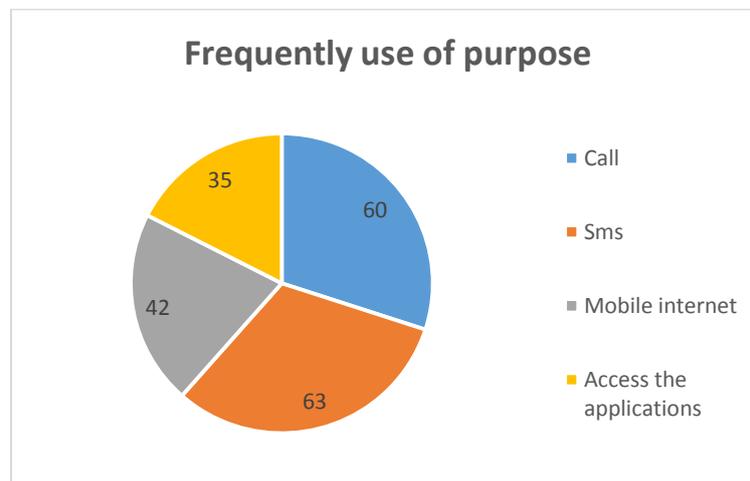
Table 2: Frequently use of purpose

S.No	Purpose	No. of respond	Percentage
1	Call	60	30
2	SMS	63	31.5
3	Mobile Internet	42	21
4	Access the Applications	35	17.5
		200	100

Frequently use of purpose

Table2 shows the frequently uses of purpose for make call 30%, the access the mobile internet of 21%, the access the

applications of 17.5% and 31.5% of students using SMS for purpose of frequently use the mobile phones.

**Table 3. Use of function of mobile phone**

S.No	Functions	No. of respond	Percentage
1	Use of camera	11	5.5
2	Use of music	23	11.5
3	Use of calculator	7	3.5
4	Use of calendar	9	4.5
5	Use of games	53	26.5
6	Use of social media	62	31
7	Use of productivity	35	17.5
		200	100

Use of function of mobile phone

From the above Table.3 Use of function of mobile phone of 31% of social media , 26.5% of games , 11.5% of music

and 17.5% of using productivity of the majority respondents using social media of function of mobile phones.

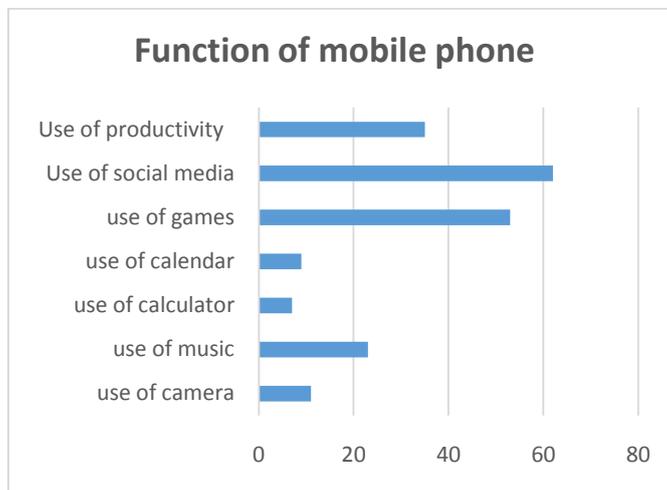


Table 4. Use of Academic work

S.No	Academic work	No. of respond	Percentage
1	Updating of knowledge	42	21
2	Book reference	25	12.5
3	Assignment	44	22
4	Career development	23	11.5
5	Discuss with friends	36	18
6	Project work	30	15
		200	100

Use of Academic work

Table4shows the mobile phone use of academic work of respondents 22% of assignment , 21% of Updating of knowledge , 18 % of Discuss with friends ,

12.5% of books reference , 11.5 % of Career development to help to the assignment of respondents to high.

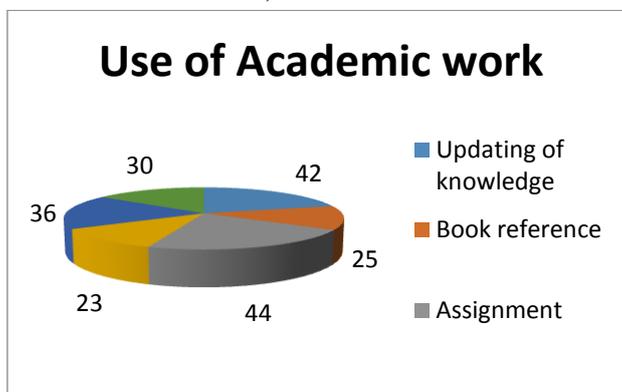


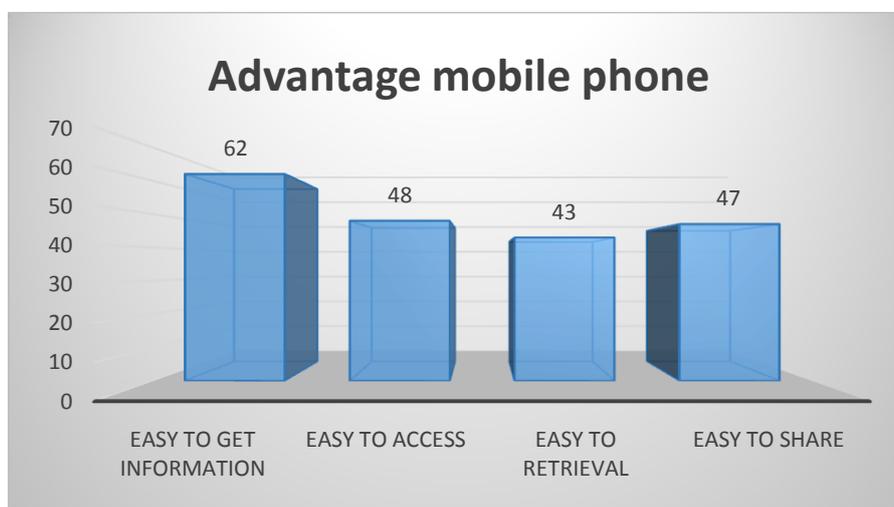
Table 5. Advantage of using mobile phone

S.No	Advantage	No. of respond	Percentage
1	Easy to get information	62	31
2	Easy to access	48	24
3	Easy to retrieval	43	21.5
4	Easy to share	47	23.5
		200	100

Advantage of using mobile phone

Table 5 shows the advantage of using mobile phone 31% of Easy to get information, 24% of Easy to access ,

23.5% of Easy to share , 21.5 % of Easy to retrieval, to easy to get information using mobile phone the respondents.

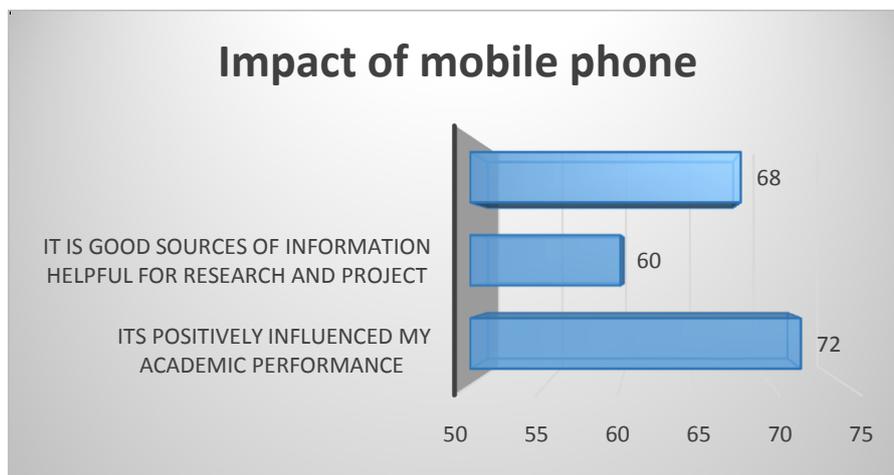
**Table 6. Impact of mobile phone**

S.No	Impact	No. of respond	Percentage
1	Mobile technology has positively influenced my academic performance	72	36
2	It is cheaper and quicker and good sources of information useful for research and project	60	30
3	Mobile phone usage in education ensure support activity like sharing interesting information document text and interaction among learner any without cost	68	34
		200	100

Impact of mobile phone

Table 6 shows the Impact of mobile phone 36% positively influenced my academic performance, 34% of ensure support activity like sharing interesting

information,30% of good sources of information useful for research and project the impact of mobile phone of the respondents.



7. FINDINGS

- The study revealed usage and purpose of using mobile phone
- The study shows that advances for use mobile phones
- The study find the functions of using mobile phone

- This study also highlights the importance of understanding the impact of academic work using the mobile and technologies

8. CONCLUSION

This research is a unique examination of a modern day phenomenon of usage and purpose of mobile phone technology. This study facilitated the investigation of an emerging pattern of impact of mobile phone usage. The mobile

phone technology strongly integrated into to help to academic work and interrupting their day –to-day activities. Despite of the positive benefits like using cell phone to students.

9. REFERENCES

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