

THE USE AND EFFECT OF SMARTPHONES IN STUDENTS

1.1 Introduction

The emergence of information and communication technology (ICT) and internet facilities have drastically affected almost every fact of human life. Currently, it is greatly evident in the way of teaching and learning. Nowadays, smartphones have become a part of every person's life. Globally people around the world have adopted this new and exciting technology as one of the most important required facilities in their everyday globally, the explosion of smartphones and its related devices has greatly transformed teaching and learning in developed nations where developing nations are not the exception.

The proliferation of these facilities has changed the style of learning whereby students or learners no more solely depend on paper-based materials. The introduction of the internet led to the emergence of smartphones which enables learning to take place irrespective of the geographical location or period of time.

According to technogenic (2019) "A smartphone is a mobile with highly advanced features. A typical smartphone has a high – resolution touch screen display, web browsing

capabilities, and the ability to accept sophisticated applications. Smartphones as a smart device used for fast access to knowledge, geared towards students achieving their teaching and learning and academic research objectives.

The purpose of the study is to determine undergraduates distance learning students' use of smartphones and its effect on learning.

It is unconcealed that almost every distance student of a smartphone. Hence it very imperative to fathom the use of smartphones among the distance learning students and its effect on their learning activities.

1.2 Objectives of the study

The study was based on the following objectives.

1.To find out the students' perceived ease of use of a smartphone in learning activities.

2.To determine the perceived usefulness of smartphone in students' academic achievement.

3.To investigate the effect of the use of a smartphone in students' learning activities.

4.To investigate the factors that inhibit the use of a smartphone as a learning tool.

1.3 The concept of the smartphone in mobile learning

Mobile learning is a mode of learning whereby mobile computing coupled with wireless technology help learning to take place anywhere and anytime.

Smartphones support learning either offline or online. Offline access enables users of smartphones to store any form of learning materials such as pdf, word, excel, animations, symbols, irrespective of the geographical location. Internet access is needed for learners like students and teachers to visit websites to meet their information needs. The exploration of the smartphone has changed the dynamic of students learning activities.

Students can carry a whole semester's learning materials on a small smartphone while gives students the latitude to learn in an area which, on a normal circumstance, will require a laptop

or other related form of a computer. For instance, a student sage of and marketplace to mention but a few. It also enables students to register courses online, take a quiz or semester through the use of an assigned or registered

1.4 Smartphones usage in distance education

It is obvious that mobile learning can be considered as the central hub to enhance distance education. distance education has always grown on the wings of technology. Needs of students becomes so sophisticated that they refuse to carry heavy weight laptop or books, and they save everything in their phones. The study revealed that the usage of smartphones related with distance education helps to increase students learning, social interactions, collaborative learning, and socialization of students, etc. it was postulated in the same study that in the coming decade smartphones will be a main learning tool in the adoption of mobile learning across the global and there is evidence in developing countries complementing mobile learning to its convention mode of teaching and learning. In effect, this has enhanced distance education programs been offered by higher education.

1.4 students' perceived Ease of use of smartphones in learning activities.

Perceived ease of use has been found to be an important determinant of technology usage, both in a direct and indirect manner, and technology users have been proven to attempt to minimize their cognitive effort on their behaviors. The findings support the study of in which it was revealed that, most respondents strongly disagree to the statement that I find smartphones learning easy this is an indication that, the students did not find it comfortable using a smartphone as a supplement tool for learning. They will find it easy to use a smartphone and this also enhances their perceived usefulness of using smartphones for learning activities.

1.5 perceived usefulness of smartphone in student achievement.

In a study conducted by on determinants impacting learners' satisfaction and performance with smartphones in it was revealed that one of the usefulness of smartphone is the ability to enable users to study anywhere and at any time, marking learning more attractive. The impact of using smartphones on the academic performance of using a quantitative methodology with sample size and data was collected using a questionnaire. The study revealed that smartphones help students to communicate with their classmates as well as their courses mater/tutors.

1.6 Effect of the use of a smartphone in students learning activities.

The postulated that the use of smartphone on students has both a negative and positive effect depending on how it is used. For instance, there is high propensity that students who are glued to their smartphone check updates from their studies and even at a lecture time when a lecturer is at the peak of teaching. The concluded that the effect of smartphones on activities on academic performance or the learning of students is mixed with challenges.

Further in the same study it was found intruding calls may come in during learning. This factors greatly distract learning by driving away their focus from the core purpose of being in class or a place or moment set aside for effective studies.

2.1 cellphone

With the growing number of mobiles, the behavioral aspects have sweeping effects on the lives of individual. the phenomenology of individuals in social and personal spheres have also changed a lot. The individual present and equipped with a mobile is split into two, they are present in body but their attention, mind and senses are drawn elsewhere with a ring by their communication network. People are not very sure of their own accessibility at a place at a given point of

time as a ring from virtual communication may require his/her presence to a different location that too within no time. What actually happens that people decide is to prefer their own life styles are navigated to depend on a sense of belonging determined by others. what affects actuality is that our sense of loyalty to places, persons, sense of identification, familiarity, stability, and security so on is compromised to a large extent. It has been found that people are spending less and less time with engaging intrapersonal and interpersonal activities and this same nostalgia feeling has also become considerably drawn with advent of mobile phones.

2.2 common use of mobile phone by people

Now days the use of mobile has become very common. This usage has created a new environment in which even the people from the lower strata are using the mass media gadget freely. The changed took place of one's relation with space through the widespread use of the mobile has become the premise which will also illuminate the role of this instrument in the evolution of democratic society.

3.1 Objectives

- 1.To understand the pattern of mobile phone usage in different age group of youth.**
- 2. To understand gender difference among pattern.**

3. To examine the impact of mobile phone and technology on habits of youth.

3.2 Age wise distribution

Categories	frequencies	percentage
17-23	94	47%
24-30	106	53%
total	200	100%

A total of 200 participants randomly selected for the present study. They were all belonging to two age group 17-23 years and other were from 24-30 years of age. Out of total participants (N-200)

3.3 Gender wise distribution

Age group	Gender	frequencies	percentage
17-23 years	female	29	30.85
	male	65	69.15
	total	94	100
24-30 years	female	31	
	male	75	
	total	106	

total	female	60	30
	male	140	70
	total	200	100

4.1 Impact of mobile phone in student life

In the 21st century everything is in the palm of our hands. Technology has reached its peak and its still developing to a new every day. The main examples of technology are mobile phones, television sets, computers, electric cars. The smallest piece of technology can cause a big change in our daily life.

The mobile phone as we said in the examples is one of the fastest growing technologies in the last few decades. It started as a device to just dial and receive calls.

But two decades later many manufactures have built mobile devices which not only allows you to dial and receive a call but also to listen to music. Click pictures, check your health status, etc. and as mobile phones have become more affordable, everyone in today world carries one or two phones on time

It is a must for students who are studying in schools or collage to have mobile phones nowadays because of the new world pandemic. As their academic curricula are to be started or continued online. Not everyone can afford a laptop or a

computer, so a mobile being a cheaper alternative takes the space for the computer in the online lecture.

Students have an upper hand when they have the convenience of the mobile device. Not just for the online lectures they can also use it for entertainment purposes like movies, games, social media, etc.

Due to the increase in the number of mobile phone users in the younger generation. Companies have started to develop their mobile version in the form of an application that is more user-friendly and lets people stick to the app longer increasing the media used for the students.

Mobile phones are both a curse and a boon to the newer generation as a lot of these phones when being used for education and entertainment purposes. Also influences a lot of ill habits in the younger generation like watching pornography, blackmailing others for their good, increase in cybercrime, etc.

Mobile phone can play an amazingly good role in the hands of the younger generation with help of growing social influence and the new ideas that occur daily in the minds of the younger

people. The mobile phone can be a good device to start a new business online.

Moreover, as it is easy to get access to the mobile phone for the students it has caused an exponential growth for the eLearning companies with sites like LinkedIn people can connect who have a similar business or who are looking for jobs to start their way into the career path.

Young students who are looking to get an education, for the mobile phone is really helpful as the online lectures which are conducted by the schools the collage and the coaching classes can be easily attended on the mobile phone.

The mobile phone has made learning easy for the masses as it fits in your hands and you can attend the lectures where ever you are. The mobile has even made it possible for the working people to pursue their academics if due to some reason it was left incomplete.

A student can be anyone right from a child who starts to learn from day one of school to the working professional who is ready to invest his time and money to continue to pursue his incomplete education.

The use of the mobile phone for education in a student's life was important even before the pandemic world students use their mobile phones to carry digital notes instead of taking xerox. Its easier when they want to take a survey.

And most importantly mobile phones are very convenient when it comes to research for a project when you don't have a laptop or computer handy now with the entire transaction from offline teaching to eLearning due to the pandemic. It is safe to say that some of the trends which were set by the eLearning platform will stay even in the post- pandemic world trends like using google form for online tests, use of digital notes, and prerecorded lectures for revision.

Today, the source for knowledge has diversified and one of the ready sources is the internet. Having a mobile phone on their person all the time can help students check out things in a more fun way which will help them learn it fast.

If there is any doubt in the mind of a student about something that the teacher was teaching the student can clear their doubts immediately. There are so many applications in the app store for students which means the student can get help from an app for a subject which he/she lacks in some areas.

4.2 Most of these applications are free of charge

And students these days learning from these prerecorded lectures then learning from a book. Plus, you can carry your mobile phone with you wherever you go even when you are on a vacation.

About health, research shows medical apps are important to support the health of young people. Such as managing diabetes. And apps need to be accessed during school hours. A mobile device works wonders when used correctly by the student.

Mobile phone serves many important functions. Digital literacy is a critical aspect of young peoples schooling and research shows mobile phones can play a role in supporting such learning.

Its important students learn with these devices so they can effectively participate in the workforce. Also, these phones provide a link between students and their parents, which has an important role to play in ensuring their safety.

4.3 6 ways to use students smartphones for learning

1. create short videos

Videos of 5 – 20 seconds can give students a way to exercise their creative muscles. Students can create their own videos on the fly using their own mobile devices, or they can create one part of a video compilation that the teacher can then string together. Videos can express any type of learning in any style, from music videos to interviews, book trailers, historical reenactments, tutorials and stop animations.

2. scan QR code

QR code offer instant access to video, audio, websites contact info or any brief text. I use them to link German texts in a classroom serener hunt. Most phones now come with QR code readers installed, but if you students have a phone without one, there are plenty of free QR code reader apps.

While anything with QR codes will take a bit more effort to create, students love the twist on learning, QR codes can also generate answer keys beside each problem to allow students to self – check their work. The codes can also link to websites or educational YouTube clips that provide more information.

My favorite use for QR codes is the scavenger hunt. Students choose the correct answer to solve a riddle or answer a

question. If they choose the correct answer, the associated QR code will lead them to directions that tell them how to reach the next question. Students are engaged by both the technology and by the game – like activity.

3. Access an online dictionary and thesaurus

Once students learn how to use dictionary apps and websites efficiently, the difference in their work is spectacular. As a German teacher, I find it is incredibly helpful for students to be able to rapidly double – check whether a noun is masculine, neutral, or feminine on pons or LEO. Question about a verb conjugation? Go to LEO (for German). Confusion about a phrase in a text, or double – checking the use of a word in an essay? Tried of using the same word over and over again? Find synonyms in many languages at open thesaurus

4. collaborate and share with pallet and twitter.

I grouped these two tools together because they both increase student participation and allow teachers to gather real – time feedback from students about their learning. Both pallet and twitter are more comfortable communication tools for shy students to respond to in class questions or participate in brainstorming sessions, yielding a great deal of insightful information.

5. listen to podcasts and read the news

For the voracious student who wants to keep learning outside of class, the struggling learner who needs more exposure and everyone in between, smartphones provide instant access to civics, social studies, English, psychology, math, foreign language and science related media sources, including journals, newspapers, online news sites, podcasts, and more.

6. use the apps, obviously

Many mobile apps, such as Merize for languages and vocabulary, make learning instantly accessible. But don't limit your students to the purely educational apps. Get creative and let them have some fun with games. For instance, you could change the language setting of a popular game like trivia crack to give students language practice while they have fun.

Polling applications, such as poll everywhere, are also useful for collecting direct feedback from both students and teachers during class and delivering the data in a way that's more accessible and organized than the classic exit ticket.

And those are just two examples. Play with the app store to yield thousands of options for a variety of content areas.

4.4 advantages of cell phones for students

1. Communication

Cell phones provide a convenient and direct way for parents to contact their children when they are at school, and vice versa. For example, if a parent is going to be working late, he can contact his child via text message to let her know. Similarly, students can use their cell phones to let friends know they are running late or to ask them about homework they might have missed.

2. emergencies

If a student falls ill or is in danger, it is beneficial to be carrying a cell phone so he can contact someone immediately. For example, if a student is walking alone in the dark and feels unsafe, a cell phone will enable her to contact someone to pick her up and drive her home. Or if a student is badly injured at a sporting event, other students can call an ambulance or a doctor.

3. time keeping

Cell phones are also a useful time – keeping tool, they allow students who don't have a watch to keep track of the time so they can be punctual to their lessons, and

phone have an alarm function to make sure they wake up on time each morning. Cell phones also have a calendar feature that students can use to input homework assignments and important dates to remind them to keep on top of their school work.

4.silence feature

Although cell phones could be disruptive during lessons if they were turned on, most phones have a silent feature that means they can be left on and fully functioning without the audio disturbing anyone.

5.productivity

Mobile phone help organizations stay on top of businesses 24/7. Mobile phones allow business men and women to contact business on the road, in the air, and anywhere else that has a cell signal, at any time of day. Mobile conference calling allows partners to meet via the phone while travelling. Applications on phones, such as calendars, not keepers, voice recorders, and alarms, all help people stay organized and on time. If you are late or stuck in traffic, you can use your mobile phone to call the boss.

4.5 disadvantages of mobile phone for students

1. playing games most of the time

Student's age is a kind of playing age. Even though they concentrate on their studies their mind goes to play station, Xbox, Wii, computers and mobile phones. Nowadays I saw lots of students who are distracted by mobile phones. I think they love it because they can download so many games. So, what will happen to the students who have their own mobile phone? simply they will try to play games. They are children, so they have to play games as we did in our childhood. But everything has some limit. If a student is playing games all the time, then it is better to take the phone away from them. Their studies and other useful activities are destroyed by the mobile phones. But if they play games once in a while, then it's totally fine.

2. Involvement in unwanted things

In today's world, mobile phones may change student's habits. Through mobile phones, you can search lots of bad stuff. Now days almost all the students are addicted to porn videos and some other porn activity websites. In the 21-st century, the sexual activities and violent acts are considerably growing day by day. That is really bad. This is

why we can see lots of students with cigarettes and drugs. This is one of the major flaws with the rise of technology. I met lots of parents who got disappointed with their children's behavior, so I advise the parents, please don't allow your children to use mobile phones if you find something harmful.

3. Sleepless night and fatigue

When students are playing games on mobile phones, they don't feel the time passing because they concentrate fully on the game. Most of the students choose night time for playing games so that no one will disturb them. So, they play till 2 or 3 in the early morning unless parents come and shout at them to sleep. Some students choose the sleeping time for chatting with friends. Chatting also makes them go to bed very late. Do you know what happens if they sleep late? Next day they get tired and find it hard to concentrate on their subjects. So, students must sleep as soon as they finish their homework and dinner so that they would start the next day fresh and confident.

4. Disturb other students

Mobile phones can disturb other students in two ways. One is when there is an important lecture going on and if

your mobile phone rings during that time, it will disturb the whole class. Most of the students put their mobile phones in silent mode, but some students don't care about it. So the ringing tone completely disturbs others and the lecturer. Another one, some students want to have a mobile phone, but their parents don't allow them to have one. Such students get frustrated when they see another student having a mobile phone.

5.Reduced time with family

This is another major disadvantage of having a mobile phone by a student. Before these phones and technology, students spent plenty of time with their family. Now students spend their free time with the mobile phones, either playing games or chatting with the friends via mobile phones. They have no idea about how much family is important in their life.

Spending time with the family is one of the most important things for everyone and we can learn more good stuff when we freely talk with our family. So, parents, at least, bring your kids together at dinner time and have your meals together on one table. A family chain is very important and tries to make them understand that.

Thank you