

Dr. Sudhir Sudam Kaware, Manoj Kumar Gupta, Akhilesh Kumar Gupta. (2021). Mobile Phone Educational Applications: Their Importance in Academic Learning During Covid 19 Pandemic. *International Journal of Early Childhood Special Education (INT-JECSE)*, 13(2): 1013-1020. DOI: 10.9756/INT-JECSE/V13I2.211144

Received: 08.06.2021 Accepted: 11.09.2021

Dr. Sudhir Sudam Kaware<sup>1</sup>  
Manoj Kumar Gupta<sup>2</sup>  
Akhilesh Kumar Gupta<sup>3</sup>

## Mobile Phone Educational Applications: Their Importance in Academic Learning During Covid 19 Pandemic

### Abstract

*The deadly infectious disease Coronavirus, also known as Covid19, has had a profound impact on the global economy. This tragedy is also being staged in the education community, and this concern is likely to resonate in the global education community. The outbreak of the Covid19 pandemic forced several schools and universities to close quickly. Various elements on the earth are affected, and there are issues that may surface for a full semester, or other issues that will be lost in the future.*

*Flexibility is another attractive aspect of online learning; students can arrange their own or arrange time to apply for courses online. Face-to-face meetings combine with technology to form a combined learning and recovery classroom; this learning environment will increase the learning potential of students. Students can learn anytime, anywhere, and develop new skills in the way they ultimately learn from the grave. Government also recognizes that online learning is increasingly essential in this dynamic world. The severe emergence of the new crown virus could create another argument for upgrading, as this altitude can be a problem in times of crisis.*

**Keywords:** Mobile Phone Educational Application, Academic Learning, Pandemic, Lockdown.

### Introduction

Some schools and departments affiliated with universities have stopped teaching face-to-face. According to researchers, traditional education cannot continue in the short term. Since social distancing is particularly needed at this time, it will negatively impact learning opportunities. Academic institutions are trying to find a way to correct this situation. These circumstances have North America semiconductor diode must understand that the upcoming situation is a very desirable pressure for educational institutions. It was a situation that needed humanity and solidarity. It is essential to protect and save our students, our faculty, our

staff, our community, our society and our country.

Some advanced settings are connected. Accessibility, affordability, flexibility, pedagogy, in-utero learning, and policies are some of the arguments related to online pedagogy. The e-learning model is designed to be easy to use and can even cover rural and remote areas. In terms of the total cost of campus travel, accommodation and study, it will be considered a relatively cheap way of education.

The current COVID19 pandemic poses a significant challenge to the educational and social systems of countries in the region, which must be addressed in a coordinated manner.

Dr. Sudhir Sudam Kaware<sup>1</sup>, Assistant Professor, Department of Education, Guru Ghasidas Vishwavidyalaya, Bilaspur, India. Email: sudhirkaware1981@gmail.com  
Manoj Kumar Gupta<sup>2</sup>, Research Scholar, Department of Education, Guru Ghasidas Vishwavidyalaya, Bilaspur, India. Email: rnkmanoj@gmail.com  
Akhilesh Kumar Gupta<sup>3</sup>, Research Scholar, Department of Education, Guru Ghasidas Vishwavidyalaya, Bilaspur, India. Email: akhilesh.guptarkt@gmail.com

Plus, as a member of the community, you provide valuable experience on important life priorities. Today, the challenges of degrees offer the opportunity to rethink the purpose of education and its role in preserving life and human dignity so that no one is ever left behind. In other words, because countries consider the simplest reasons for facing uncertainty and opening up educational institutions, this crisis presents a new opportunity to increase the resilience of the national education system and to transform it in system which promotes respect for collective commitments. Real estate development program for 2030.

## **Review of Related Literature**

### ***Online Learning or E-Learning***

The rapid development of technology has facilitated distance education (McBrien et al., 2009). "Most terms (such as online learning, open learning, laptop learning, blended learning mobile learning, etc.) anywhere, anytime, at any speed, with any approach "(Cojocariu et al., 2014)., laptop, etc.) to access the network in a synchronous or non-synchronous environment In these environments, students will communicate with academics and alternative students anywhere (autonomous) and move "(Singh & Thurman, 2019). The structure of a synchronous learning environment is that students participate in face-to-face lessons, have interaction time between students and educators, and have the opportunity for immediate feedback, as Asynchronous learning framework structure incorrect.

In such a learning environment, learning content cannot be delivered in the form of lectures or other forms of lecture, it will be used in systems and demonstrations. such an environment, instant and instant feedback is not a potential (Littlefield, 2018). Synchronous learning can provide opportunities for social interaction (McBrien et al., 2009). As this deadly virus spreads, you want a web platform where you (a) can host video conferences with a minimum of 4050 students, (b) chat with academics to get on the list. the item is organic and (c) has a good internet connection, (D) can also access the catalog on mobile phones, not just laptops, (e) Yes, recorded lessons will be viewed and (f) Comments and immediate student tasks can be completed (Basilaia et al., 2020).

### ***Online Teaching Is No More an Option, It Is a Necessity***

Due to the intense epidemic of the global Covid19 pandemic, the maximum elements of

the arena are isolated, many of these cities have become ghost towns, and this effect is also visible in the overcrowded colleges, universities and colleges. In addition, these guides and knowledge gathered online can be considered a panacea in the event of a disaster. The coronavirus has moved universities from offline schools to online schools. This disaster will allow companies that previously did not want to add to the production of cutters.

This disaster will show us the remarkable side of online mastery. With the support of online education, we will teach a wide range of students anytime, anywhere. All teams should try to choose specific online coaching strategies and try to use technology more wisely. Many universities in the region have completely digitized their operations and are hungry for the urgent desires of the cup. In this chaos, getting expert knowledge online wins. Therefore, improving online mastery in particular may be essential during this period. After the Covid19 pandemic, online mastery at Chinese universities has grown exponentially. A day transition from the classical classroom to the online classroom shows that educators have changed everything in their training strategies to cope with new adaptive market conditions and respond to new knowledge. New knowledge acquired in the classroom environment. 'In these difficult times, the concern is not always being able to deliver excellent education, but how educational institutions can deliver expertise online over such a long period of time (Carey, 2020).

Against the Extradited will no longer help any educational group in the world. They can be assessed by how quickly they adjust to the next grade in a short period of time and their outstanding retention. Accreditation of tutoring institutions lacks opportunities and oversight. In this disaster, their standard achievements and innovation in their pedagogical peculiarities show their adaptability. Switching from face-to-face instruction to online instruction is the most convenient answer possible. In fact, it is not always possible for educational institutions to ship all academic instruction to online institutions in just one day. Distance, scale, personalized training and acquisition of expertise are the result of three conditions of concern associated with emissions. Feedback from innovation facilities can help us in the most beneficial way to combat this pandemic (Liguori & Winkler, 2020).

### ***Problems Associated with Online Teaching and Learning***

There are a number of technologies offered for online education, but in general there are a lot of problems with them. Issues and limitations

of this mode generation include line failure, configuration issues, link issues, audio and video issues, and more. In general, students will find online jobs unattractive and unattractive. Online MSs take a lot of time and energy that teachers don't have time to do. Self-interest is also a big problem for online properties. Students want interaction between the two, but sometimes it is difficult to achieve. Only students who observe what they need to experience the mastery system can realize its full potential.

Sometimes online content is theoretical and does not allow students to observe and learn effectively. Bad content on the move is also a big problem. The students recalled the lack of community, technical, and data dissemination issues related to coaching goals because of the increasing restrictions in the online field. (Song et al., 2004).

In one study, it became clear that researchers were no longer really organized to ensure the stability of work, family and society with the study of existence in the web-generating environment. It also turns out that researchers are no longer well organized for many mastery and educational competitions. In addition, university students have a low level of training in using the control system proficiently (Parkes et al., 2014).

### **Possible Solutions for Problems**

There are many problems associated with online training, but it is not possible to ignore its advantages over this crisis. There is always a method to resolve these issues. Technical issues can be addressed with the use of content material testing, content document testing, and a constant willingness to stay away from the research training process. Online publications should be dynamic, exciting and interactive. Facilitators must establish deadlines and reminders so that college students are vigilant and vigilant. You should take the time to make the learning processes as easy as possible. You should pay a non-public benefit to students who will allow you to adapt without problems to this learning environment. You can reach students who use social networks and forums from a variety of organizations.

Communication must be able to practice and practice skills, if it is difficult to reach students with SMS, multiple messaging apps, video calls, etc. The path is constantly improving and the instructor is eager to try and do the best he can.

Online applications should be designed to be creative, interactive, relevant, calm and team-oriented (Partlow & Gibbs, 2003). Educators need to spend more time creating powerful techniques for online education.

Effective online precautions facilitate student comments and ask questions of students and increase scientific coverage of the content of publications (Keeton, 2004). The institution offers a specialization in pedagogical subtleties and emphasizes joint research, case studies and provisional studies entirely based on online tutorials (Kim & Bonk, 2006).

The task of the academic institution is to locate new technology and use it, however, it is up to the training and support of university students and worker education personnel to find direction for virtual literacy.

### **Mobile Phone Educational Applications**

A mobile gadget, commonly referred to as a gadget, is application software designed to run on a mobile device (including a telecommunications phone or tablet). Cellular plans are often used to provide customers with the same services they get on their PCs. Applications are generally small, unbiased software utilities with limited functionality. The use of this application software was first approved by Apple Inc. and its App Store manufacture and distribute a multitude of applications for iPhone, iPad and iPod Touch. Mobile apps are also referred to as apps, internet apps, online apps, iPhone apps, or smartphone apps.

### **Historical Background**

Mobile applications differ greatly from the architecture of embedded software typically defined on a PC. Instead, each app has limited capabilities and is managed remotely, along with games, computers, or mobile browsing. While apps can also help you with multitasking due to the limited hardware content of early mobile gadgets, their quirks right now are part of the charm as they give Allow customers to choose what their gadget can do.

The most efficient portable software that transfers pure PC-based proprietary programs to mobile devices. As cellular programs become more powerful, this generation is sorely lacking. A broader cutting edge method requires special development for the cellular environment, reaping its obstacles and benefits. For example, thinking that the user is not tied to an environment the way they are on a PC, programs that use purely environment-based functionalities are essentially built from the ground up, with a focus on mobile devices.

Applications fall into categories: local programs and Internet programs. Native apps are designed for a specific umbrella execution system, usually IOS or Android. Original programs have higher overall performance and a

more refined user interface (UI) and will typically undergo more rigorous improvement and a good warranty system before being released.

Web programs are used in HTML5 or CSS and require minimal engine use when they are executed through the browser. The consumer is redirected to a specific website and all the facts are recorded in a completely server-based database. Web programs require a strong connection to be used.

Although they have become an indispensable part of our lives, mobile applications were not seen in a long time. Mobile phones may have dedicated functions or modes (such as calculators), but the applications we are familiar with have only recently been introduced with smartphones and PDAs. Although they appeared for a short time, they have a glorious history.

### **Built-in Apps and the App Store**

In 1997, the Nokia 6110 built a hybrid version of the easy-to-use "Snake" arcade game, which many called the leading mobile software. The first iPod also had built-in games: cards and puzzles.

However, in 1983, young Steve Jobs first designed the App Store... or at least a fairly simple version of it. Jobs envisioned a place where software could be purchased over a phone line. Right after Apple shipped the iPod, the iTunes Store appeared, becoming the forerunner of the Apple App Store. The iPhone was launched in June 2007 and has become a huge commercial success. Local software development, more than 365 days after... the launch of the App Store.

The real app store has released 500 programs, so none of them will be the first "real". However, with the advent of the latest smartphones, very good user software has also been provided. Google Play, Amazon App Store and Blackberry's App World also allow older children to enjoy a wide variety of information on their mobile phones. It's also important to reiterate that every store has both paid apps and bulk apps from the start, as both paid content and "bulk" content is primarily a factor.

### **Angry Birds**

Will you notice? Angry bird. The first payment on a popular franchise in the field was launched in December 2009 and quickly became a huge success. In 2015, over 300 million were stacked between all entries in the series. Many coins and products have been created. Movies, amusement parks and bars are everywhere. And, even though they weren't as popular, as

long as they were in their prime, these birds still dominate the market today.

### **Byju's App**

"Technology has dramatically improved the existing education system over the past fifteen years. "Self-study", using online platforms, has replaced the traditional rote learning. The technology-based education system includes many learning applications. Learning App (Byju's) is India's largest educational app with over approximately 30,00,000 annual subscriptions. Learning apps use a combination of content, media, and technology to make student learning more interactive and enjoyable. It also promotes personalized learning among users. Against this backdrop, the present study seeks to explore a selected group of middle and high school students from CBSE and the Kerala State Board (KSB) and interpret their responses to consider transitioning from high school to high school. Traditional learning to technology-based personalized learning".

### **Vedantu App**

"Vedantu is Associate in Nursing Indian online tutoring platform wherever lecturers give tuitions to students over the internet, employing a time period virtual learning atmosphere named WAVE (Whiteboard Audio Video Environment) a technology designed in-house. It operates on a marketplace model for teachers, where students will browse, discover and opt to learn from a web tutor. Bangalore-based Vedic literature Innovations Pvt. limited company is an online tutoring platform launched in Gregorian calendar month 2014 for public."

"The company' name Vedantu is alleged to be derived from Sanskrit words Veda (knowledge) and Tantu (network). The organization is pass by four friends from Indian Institutes of Technology (IITs) – Vamsi Krishna (Co-Founder & CEO), Pulkit Jain (Co-Founder & Head of Product), Saurabh Saxena (Co-Founder & Head of Academics) and Anand Prakash (Co-Founder). Vedantu is their second venture after Lakshya, a take a look at preparation work company. Lakshya was acquired by a public listed company, MT Educare in the year 2012. In Sep 2017, it had been proclaimed that Vedantu was to host the second edition of International Student League (ISL) in November 2017."

### **"What is Academic Learning?"**

"Academic" education is generally defined as an education that learns as the main purpose. Several institutions and educational systems are subject to "University" academically, but this is

not necessarily. This is different from professional education that focuses on "preparation at work". "Vital Education" may be intended to be prepared to live even if it is good.

These different approaches to education have many origins in the past. But (unfortunately) still often covered by many current education systems. However, the modern world is changing drastically and exchange rates continue to accelerate.

If there are no differences, these differences in terms of "old" represent why a reconsideration is needed. ACS Remote Education (UK) uses the term "secondary scientist" to distinguish education at higher levels, but this is not necessarily the same definition as the traditional one. Advanced courses through AC are smarter than vocational education, but they are still tailored to the real needs of higher education. According to our definition of our high school, education is not a career or a college.

The purpose of academic research is to develop the ability to adapt and apply "basic knowledge", so the graduates of the course are sufficient to make their lives and evolve well both in life and private lives. It is placed.

### **Mobile Application How to Related Academic Learning**

By 2020, locating super educational apps can seem like a daunting task, especially when there are over 500,000 educational apps out there. Finding outstanding educational apps that can certainly improve coach ability and fluency can be difficult. We spent many hours collecting and verifying recommended teaching and mastering apps with the help of educators, teachers, parents and students. Interactive educational apps can help kids test early college skills like math and reading.

In the field of educational technology, there are many drug and smartphone apps as possible to enhance the joy of learning for students and teachers. Thousands of educational apps on the App Store and Google Play Store cover everything from Math and English to Science and History. Educational apps increase mastery in and out of the classroom, making it more interactive, immersive, and fun.

These carefully designed educational apps for kids cover a wide variety of topics for all skill levels and styles. These apps will meet your skill goals, keep elegance motivated, and include all types of learners. The

Education app can help children become more engaged, and successful. Staying up to date on coaching techniques is important for student engagement, and mastering applications is a great way to achieve this. These apps are primarily designed around elementary tests

taken by educators and route builders or have proven to be a powerful skill tool in pedagogical studies. The apps we covered in this guide were incredibly effective apps, not because they can be designed to make kids smarter, check important information, or update schoolwork, but because they can be fun and enjoyable for children and adults alike.

### **Importance of Mobile Phone Application in Pandemic**

The coronavirus pandemic 2019-2020 (COVID19) has created particularly difficult conditions for governments and societies around the world. No pharmaceutical intervention has been shown to be significant in delaying or preventing the COVID19 pandemic. These measures include attempted tracing, mass gathering bans, closures of nonessential businesses, universities and colleges, national and global policies on movement and capabilities away from the body, even while ensuring closures nearby and across the country. At all stages of the pandemic lifecycle, selecting and evaluating or requiring specific, reliable and timely data is not the most effective way of infection, but also mainly based on human behavior, especially the ability to transport and co-exist with the body. We are rightly aware that, although used effectively and wisely, it is true that smartphones and smartphones provide an important utility base that facilitates our community health activities. They are in the beginner, intermediate and more advanced stages of the COVID19 pandemic.

Pioneering human mobility imagery showing aggregated and (fake) anonymous data from cellphones and cellphones that can help recognize the geographic evolution of epidemics. As a result, researchers and governments began to engage with individual businesses, especially cell phone operators and neighborhood intelligence companies, to assess the effectiveness of these measures. poverty in several countries, including Austria, the Kingdom of Belgium, Chile, China and Germany., France, Italy, Spain, UK and US.

However, there may be little coordination or actual substitution between these countries or may be close to initiatives. Although it is very possible (now easier) to effectively (but now easier) amplify specific mechanisms for using cellular facts at the neighborhood level. At regional or national level, thinking about the diversity of participants, the scope and type of sport and the priority, neighborhood or possible global cooperation seems very important. additional difficulty. Policies are relevant and must protect civil liberties. The global scale and

the outbreak of the COVID19 pandemic testify to an option for a more coordinated approach.

In the next section, we describe tactics where mobile-specific information can support better discovery and formatting measures to mix and gradually deal with the COVID19 outbreak. We have diagnosed the key drivers that exclude this from the mile-wide photo and offer on-the-go equipped controls to protect cell phone stats from viruses.

## Conclusion

Response measures taken across international sites have proven to be revolutionary and promising, and a major development was made during the writing of the document to ensure the interoperability of certain learning routines. Obviously, school systems across the country are faced with systemic problems and situations that require and wish to implement medium and long term techniques compatible with the goals and Agenda 2030. Sustainable Development Goals. 4. The COVID19.

Pandemic has exacerbated inequalities, and social exclusion. At the same time, on the contrary, it offers possibilities for strengthening social relations, guided by cohesion and cooperation in the pursuit of unusual activities, and guided by duty. Take care of others. How to take care of yourself is an essential question of survival. Today's disaster has given meaning to social cohesion, and in turn, social cohesion has proven to be a prerequisite for reinventing these means of identity and citizenship. Even at the international level, which revolves around ideological practices that do not generate unusual activity in a rapid period of time. This can be done through daily collective actions, large and small, to capture and sell brotherhood as a key element in building a common destiny without ignoring the major contradictions causing social division.

In this context, faced with the next level of pandemic and current or future international disaster processes or phenomena (as well as climate change), an increasing number of major contributors emphasizes the desire to reconsider attendance and give priority to new attendees. Encourage students to embrace events, stay and act in times of disaster and uncertainty, make choices at their own individual and circle levels, and react collectively in situations needed to help change the structure of the world. This is the essence of the definition of global citizenship education proposed by UNESCO. It no longer seeks to empower people, but seeks to apply and construct their practice on the principles of strengthening social relationships, concern for self and others, compassion and respect others.

Important. Recognizing diversity, friendship and cohesion, thus selling coexistence and brotherly love, is important for building collective action.

School Attendance Measures the National Schooling Measures take measures to ensure continuity, equity and inclusion of attendance. In the technique of delaying in-person education and reopening schools, this helps to identify the priority situations: (i) Equity and inclusion: maximum support for vulnerable businesses and struggling businesses Demographics, including indigenous peoples, people of African descent, refugees and immigrants, the most socially disadvantaged, and men and women with disabilities disability, in addition to diversity and abundance. (ii) Quality and relevance: ensure that knowledge acquisition content is improved according to plan (especially related to fitness and health) and expert support for teachers, and ensure the appropriateness of the content. community and operating conditions, educational orientation and broad involvement of college students and teachers, return to school, and providing social and emotional support to students and families their activities. Last name. (iii) Educational apparatus: bringing the educational apparatus to respond to crises, in particular resilience at all levels. (iv) Multidisciplinary and distance approach: Planning and implementation focus not only on school attendance, but also on physical fitness, nutrition and social well-being. (v) Partnership: collaboration and collaboration between different departments and actors to create an inclusive machine targeted at students and educators. Friend. NS. and its school structure and social security are faced with such demanding situations, reflecting in particular the desire to achieve an adequate education. So there should be enough assets to allocate and allocate the price range.

On school funding, an initial assessment by the UNESCO Institute for International Education Planning (IIEP, 2020) indicates that pandemic disasters can have a major impact at,

1. Disaster continues Lack of school expenses Time and additional expenses incurred.
2. The level of monetary assets should be lower for the education sector.

As ECLAC (2020) now predicts a decline in financial incentives in Latin America and the Caribbean and an average GDP decline of 9.1%, ensuring funding for schooling is a top priority for protection national school apparatus against the decline of values. Unequal teaching capacity and understanding of disasters. According to UNESCO records, according to records provided on 25 international sites in the region, without the pandemic, spending on education would skyrocket by 3.6% from 2019 to 2020 (2019-

2020).). \$514 billion to \$532 billion). However, with the expected decline in GDP in the region, the number of assets required for schooling could also decline by more than 9% in 2020 alone, as the financial impact of the COVID19 pandemic continues. Increase., the repair may also take longer and the actual budget results will not be visible until 2021. Therefore, it is important to calculate the value of machine learning at the country level and decide to identify spending issues, and ensure that Go in school is considered a basic human right and applying the transformative power of the school is no longer simply to install a bending machine, but to contribute to society.

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