

A MINI PROJECT REPORT ON

**“CHALLENGES AND ACCEPTANCE OF E LEARNING
AS A TOOL FOR TEACHING IN COVID-19 PANDEMIC”**

MINI PROJECT SUBMITTED IN FULFILLMENT OF THE
REQUIREMENTS FOR THE AWARD OF THE DEGREE OF

MASTER OF BUSINESS ADMINISTRATION

FROM

BENGALURU CITY UNIVERSITY



SUBMITTED BY

MOHAMMED ARIF

Reg No. MB206222

UNDER THE GUIDANCE OF

Prof. MOHAMMED ABDUL WAJID

ASST. PROFESSOR, AIMS



AL-AMEEN INSTITUTE OF MANAGEMENT STUDIES

AFFILIATED TO BENGALURU CITY UNIVERSITY

(2021-2022)

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This is to certify that this Project entitled “**CHALLENGES AND ACCEPTANCE OF E-LEARNING AS A TOOL FOR TEACHING IN COVID-19 PANDEMIC**” has been successfully completed by **MOHAMMED ARIF** of Reg. No. **MB206222** during the year **2021-22** and the report is submitted in partial fulfillment of the requirements for the award of the degree of “**Master of Business Administration**” as prescribed by the “**Bengaluru City University**” under the guidance of **Prof. MOHAMMED ABDUL WAJID**.

Place: Bangalore
Date:

Principal
Dr. BA Anuradha

CERTIFICATE OF GUIDE

This is to certify that this Project entitled “**CHALLENGES AND ACCEPTANCE OF E-LEARNING AS A TOOL FOR TEACHING IN COVID-19 PANDEMIC**” Submitted by **MOHAMMED ARIF** bearing Reg. No. **MB206222** is an original work of the student and is being submitted in partial fulfillment of the requirement for the award of the degree of “**Master of Business Administration**” of “**Bengaluru City University**” under the guidance of **Prof. MOHAMMED ABDUL WAJID**. This report has not submitted earlier either to this university/ institution for the fulfillment of the requirement of a course of study.

Place: Bangalore

Date:

Guide's signature

Prof. Mohammed Abdul wajid



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NAAC B++ ACCREDITED & ISO 9001: 2015 CERTIFIED

Hosur Road, Near Lalbagh Main Gate, Bangalore - 560 027.

Tel.: 080 22114492, 22279235 Fax: 080 22114493 Email: infoalameenmba@gmail.com

(AFFILIATED TO BANGALORE UNIVERSITY)

Ref. No. AIMS/

CERTIFICATE OF HEAD OF THE DEPARTMENT

This is to certify that this Mini Project Report is submitted by **MOHAMMED ARIF** is an original work of students and is submitted in partial fulfillment of the requirements for the award of the degree of “**Master of Business Administration**” of “**Bengaluru City University**” under the guidance of **Prof. MOHAMMED ABDUL WAJID**. This report has not submitted earlier either to this university/institution for the fulfillment of the requirement of the course study.

Place: Bangalore

Date:

Prof. Mohamed Abdul Wajid

Assistant Prof. M.com, Ph.D.





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(AFFILIATED TO BANGALORE UNIVERSITY)

Ref. No. AIMS/



CERTIFICATE OF ORIGINALITY OF PLAGIARISM

Name of the Student: **MOHAMMED ARIF**

Registration Number: **MB206222**

Title of the Project: **“CHALLENGES AND ACCEPTANCE OF E-LEARNING AS A TOOL FOR TEACHING IN COVID-19 PANDEMIC”**

Name of the Guide: **Prof. Mohammed Abdul Wajid**

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I hereby declare that the Project Report entitled “**CHALLENGES AND ACCEPTANCE OF E-LEARNING AS A TOOL FOR TEACHING IN COVID-19 PANDEMIC**” has been prepared by me under the supervision and guidance of **Prof. Mohammed Abdul Wajid**, during the year **2021-22** in a partial fulfillment of the university regulations for the award of the degree of “**Master of Business Administration**” by “**Bengaluru City University**”.

I further declare that this project is based on the original study undertaken by me and has not been submitted at any time to any university or institution for the award of any other degree or diploma.

Place: Bangalore

Mohammed Arif

Date:

MB206222

ACKNOWLEDGEMENT

This Project has been a great learning experience in valuable source of knowledge and information for me, which was only possible through the guidance and help of some eminent people, to whom I would like to, render my deepest appreciation and regards.

I like to thank the principal **Dr. B.A.Anuradha**, other faculty members and the institution itself without whom this experience would have been a distant reality.

I am really thankful to **Prof. Mohammed Abdul wajid** faculty of management department, **Al-Ameen Institute of Management Studies**, for his valuable guidelines and suggestion which helped me to structure my Mini Project.

I am also thankful to **Bengaluru City University** for making this Mini Project a part of our curriculum. It has been a wonderful experience which has helped me gain knowledge and practical exposure in the process of the Mini Project.

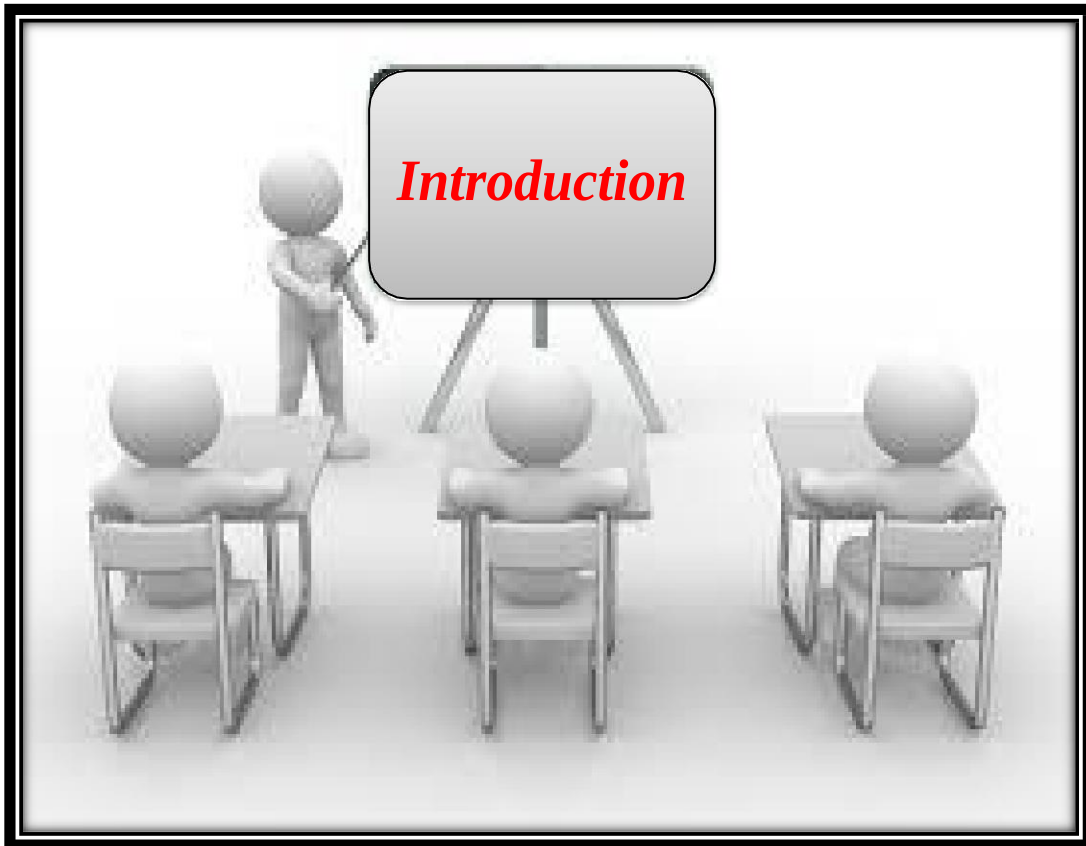
Last but not the least I present my heartfelt thanks to my family, Friends and well-wishers for their help and support.

MOHAMMED ARIF

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INTRODUCTION



1. Introduction:

We witnessed tremendous advanced technologies in the preceding century, particularly in the fields of electronic computers and communication, which changed our lives and our vision of the world in unimaginable ways. While the computing and communications revolution has improved our quality of life, it has also brought with it a slew of new problems. The globe has transformed into a global community.

The traditional system of education based on brick-and-mortar schools, colleges, and universities is incapable of providing massive scale education and training to the masses for economic survival and to meet the ever-changing requirements of society, as well as to meet individual special requirements and tastes. Distance learning, e-learning, and virtual universities may all be viable options.

E-learning has been discovered to be an important instrument for effectively continuing the teaching-learning process during the lockdown in the education system. The internet has evolved into one of the most essential learning media, allowing individuals all over the world to quickly access education for free or at a reduced cost. E-learning has taken root in the field of modern education in particular. Modern learners have distinct needs, and E-learning has been found to be helpful in meeting those needs. E-learning and artificial intelligence principles are gaining significant popularity around the world. It offers a solution to students who are unable to access traditional forms of education as a result of the current pandemic. The purpose of this study is to describe the features and impact of several E-learning platforms that educational institutes in INDIA have been using in various fields throughout the covid 19 pandemic crisis.

It begins with a brief summary of the topic matter in order to put it in context.

Distance Education: As they will note later that e-learning is the state-of-the-art computing and communication mediated distance education, it is vital to acknowledge the characteristics of distance education illustrated by Keegan, one of the discipline's pioneers, as follows:

- The separation of learner and teacher



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- Influence of the educational organisation
- The use of media as a medium between a teacher and a learner (like, tv, radio etc)
- Facilitate two way of exchange information
- Learners as an individual rather than in group; and
- Educators as an industrialized form

E-learning may be taken as the latest form of distance learning mediated by state-of-art technologies like internet and world-wide web.

Longmire states “e-learning covers a wide set of applications and processes such as computer-based learning system, web-based learning systems, virtual classroom and digital collaborative learning groupware package, e-learning content is mainly delivered via internet, intranet/extranet, audio tape and video tape, satellite broadcast, interactive TV, DVD and CD ROM, and the still to emerge wireless applications protocol.

Computer – based conferencing that enables group communication, and is itself enabled by internet and WWW – is one of the key characteristics of e-learning which makes it qualitatively much superior to the conventional distance learning paradigm.

Key attributes of e-learning, as subsumed by the above definition, may be explicitly stated as:

- Many to many communication
- Text enhanced by multimedia and
- Computer-conferencing

ROLE OF E-LEARNING IN COVID-19 CRISIS

One of the most important aspects of establishing a good nation is education. The covid-19 virus outbreak has forced the closure of schools, colleges, universities, and other government institutions. Teachers have been using e-learning platforms to convey learning to youngsters throughout these challenging times. E-learning is a type of learning that takes place through the use of electronic media. It was initially used at CBT systems lectures in 1999.



It's also known as online or virtual learning. It allows users to share reading materials via email, papers, presentations, or webinars over the internet. IT has become an integral aspect of modern education, with ICT playing a significant role in the current teaching-learning process. Educators can distribute study materials and lectures in the form of PPT, PDF, or Word documents with as many students as possible during the lockdown by uploading them to their particular university web pages, sharing them on WhatsApp, or sending them via e-mail.

Lectures have also been delivered using WeChat, audio-visual videos shared via e-mail, and various online teaching tools such as Zoom, Superstar, g-suite cloud meeting, and so on. Technology advancements have created a favourable environment for teaching-learning processes. It encourages teachers to reconsider their instructional methods. It improves the methods of teaching and learning. Teachers can use creative methods to encourage pupils to improve their learning skills. Traditional teaching and learning methods have undergone significant changes as a result of e-learning. The ongoing COVID-19 has resulted in an increase in the number of students using the learning platform and apps. Some platforms, such as ED-TECH and cloud computing, are already well-established because they are inexpensive and simple to use.

Most universities are uploading study materials on their respective university websites

In this pandemic situation, well-known firms including as Google, Microsoft, Zoom, and Slack have offered educational establishments numerous functionalities of their products that could be valuable in the field of education for free. According to the recorded data, Microsoft team users were 750 on March 10th, but by March 24th, they had climbed to 138698, a huge increase. On request, Zoom has increased the video calling time limits in Italy, Japan, the United States, and China. The world still needs a lot more zoom and Google Meet communication solution options. As a result of the spread of the fatal COVID-19 virus, there has been a massive and abrupt change in the field of academia around the world.



Advantages of E-learning

E-learning satisfies the needs of today's learners while allowing them to work at their own pace. As a result, it has shown to be fruitful for a variety of reasons. It can be accessed at any time by paying memberships to various platforms or logging in to access the courses at the learner's leisure. It can distribute and provide teaching-learning resources in a variety of formats, including presentations, audios, videos, PDFs, e-mails, and word documents.

In the E-learning process, webinars and direct communication with teachers via various chat forums or texting are indeed options. Certain e-manuals, such as PDFs, are available for free. It gives clear, simple, and incremental instructions to help learners understand them better. It is frequently regarded as the best method for self-study. It provides learners with a diverse set of materials that cover practically all themes and concerns.

Research Issues for e-learning

Current e-learning research encompasses pedagogical, technical, and organisational concerns, as well as a broader set of socio-cultural aspects. These elements have an impact on the e-learning system's research agenda. Understanding these broader social and cultural challenges is critical for the e-learning research community, and it will play a crucial role in guiding future practises. A number of research topics surfaced after engaging the INDIA research community:

Interdisciplinary, and the notion of multiple voices, is a defining characteristic of the area. How do different research perspectives influence the overall area? How do problems in the practice of different disciplines differ in the adoption and use of learning technologies?

Access and inclusion include issues around the widening participation agenda. What are the barriers to inclusion and what are the issues surrounding the extent of the digital divide?

Change and its relationship to learning technologies. How does change impact upon motivational issues? What are the drivers and rationales for change? What are appropriate strategies for managing changes and mechanisms for their implementation?



Convergence and interoperability, in terms of exploration of different forms of convergence (organisational, technological, pedagogical, sectoral, institutional, etc). How well do they understand issues of globalisation and scalability standards to support interoperability? These are complex relationships. A current focus is also on standardisation across the pedagogical, technical, organisational and human aspects versus critique of convergence.

Interactivity and social interaction: How does the interactivity of different tools relate to, or impact upon, the nature of the medium? How is interactivity expressed at different levels of organisations, and how have organisational boundaries and functional groupings blurred as a consequence of new technologies? What potential do the new technologies have to enhance communication and collaboration and also creating new communities and networks?

Instructional strategies to improve student's engagement during E- learning

In an audio-visual lecture, faculty members have reduced the tempo of their speech to draw their attention and allow them to take notes on key topics from the lectures and write down the necessary information on the board. Inexperienced faculty members sought advice from online teaching assistants to ensure that each class's objectives and demands were met. Educators have updated their varied teaching strategies by giving students with imaginative and skilled projects that meet their learning needs and keep them engaged during online lessons. The professors combined online teaching approaches with offline self-study. Professors can engage students in discussion and provide feedback on their assignments to encourage their opinions.

Students will not gain superficial, unclear, and fragmented knowledge using this method of instruction. Instead, students would engage in in-depth learning through a variety of debates. In traditional in-class teaching, insufficient pre-class study preparation, restricted involvement in class discussions, and inadequate discussion depth are all regular occurrences; similarly, these issues should not be disregarded in online education.



Inequalities faced by learners and Educators in the present scenario

Educators are suffering from severe mental health issues as a result of having to bear the burden of the educational system during these challenging times. Administrative and ministerial directions must be followed. For most educators, teaching using online platforms has become a difficult task. The lack of resources is also proving to be a significant impediment to the teaching-learning process. Discontinued teaching-learning processes are sometimes caused by toxic conditions and technical difficulties. Learners don't always have the resources they need to take advantage of the online medium. Because most learners and educators are accustomed to traditional teaching-learning methods, the results of E-learning are comparably poor. Students in a few parts of the world, such as India, Iraq, Iran, Syria, and Africa, are also having problems with bad internet connections.

SEVERAL E LEARNING PLATFORMS:

- **BYJU'S:**



It is one of the well-funded and well-managed eLearning video platform which has the motto to make learning fun for students. This app is already considered as one of the best education apps in India. It has very engaging video lessons which help in adaptive learning. This app also has complete mock tests and sample papers for class 7-12 for all the board exams which help in preparing for competitive exams like IIT-JEE, CAT and NEET. Its detailed performance analysis feature helps students to improve their performance.



- **VEDANTU**



Vedantu is India's one of the largest tutoring company started by three IITian friends, which helps the student to learn online by providing them with some of the best-curated teachers. Vedantu's one of the best quality is that they have a very good quality of teachers available. It has both individual and group classes. This education app is very interactive for both students and teachers because it has features like two-way audio, video and whiteboarding tools where both teachers and students are able to see, hear, write and interact in real-time. It has online classes for grades 6-12, competitive exams and co-curricular courses.

- **TOPPR:**



Toppr is an education app that believes in making learning more personalized for students. It provides a wide range of courses to K12 students. It's one of the best features is its live classes feature which very much helps the students to clear their doubts in real-time. It also provides a time table to students so that they can be aware of the classes.



- **INDIGOLEARN**



Professional, commercial, and finance courses are the focus of the website + app platform solution. It is designed for students pursuing CA, CS, and CMA degrees. IndigoLearn has more than 50,000 student subscribers and is rapidly gaining traction among Indian students. Here's where you can get the Indigo Learn Android app.

- **KHAN ACADEMY**



Salman Khan, an American educator, invented this educational app. This is a completely non-profit app whose primary objective is to provide students with better learning tools. This app has over 10,000 video lectures on a variety of academic areas, with a strong emphasis on mathematics and physics. They've worked with organizations like NASA, MIT, and the Modern Museum of Art to provide specialized information to students outside of the classroom.



- **CA CLUB INDIA**



Vivek Jain, a CA dropout, had an idea for this educational tool. He began working on it at the age of seventeen. It now has a membership of roughly 2 million financial professionals. The CCI coaching app contains 1500 hours of e-learning content, as well as test prep and skill-based certification courses. CA, CS, CMA, BCom, and MCom courses have online video-based tutorials. Users can engage with one another and ask questions on this platform, which is a fun feature. It also includes a variety of professional biographies, articles, and current headlines.

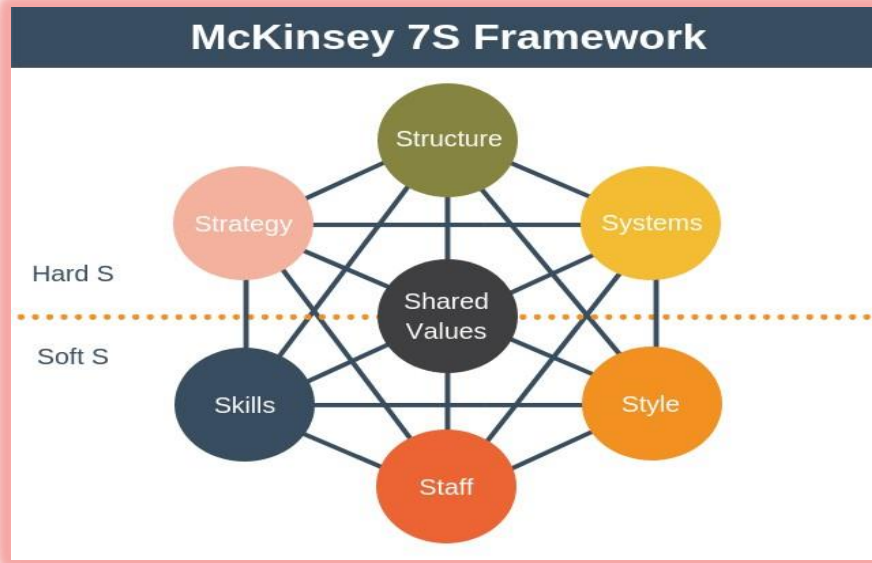
- **UDEMY**



The creator of Udeemy, who was born in a Turkish hamlet, believed that anything is possible when learning is within grasp. He discovered a variety of chances online, which motivated him to assist others. Udeemy offers more than 50 million users and 150 thousand courses with 57 thousand instructors. They are assisting not only individuals but also businesses in preparing for the ever-changing future of employment. This is a global learning brand and one of India's greatest educational apps.



MCKINSEY'S 7S FRAMEWORK ON E-LEARNING



1. STRATEGY:

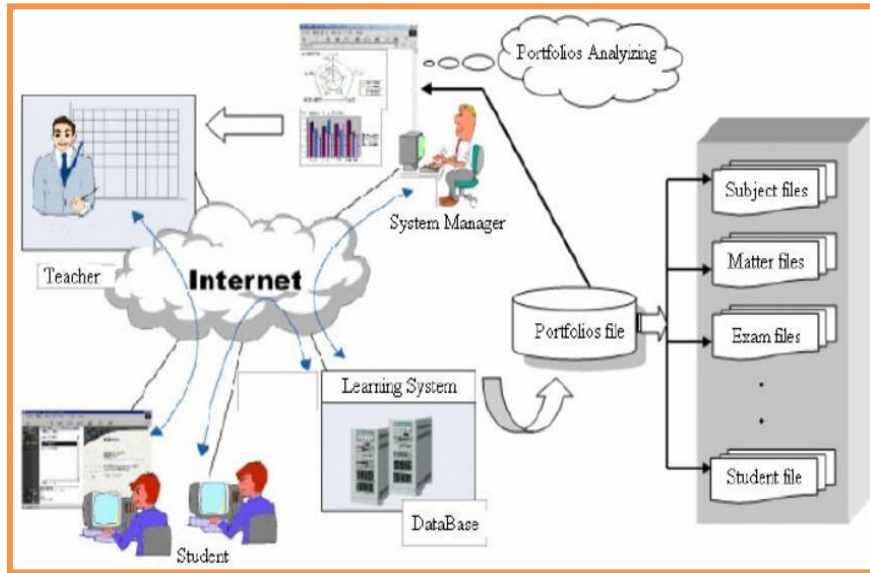
- a. Know your learner
- b. Set clear learning objectives
- c. Make Your learning programs interactive
- d. Keep Your E-learning Course Organised
- e. Keep your learning module short
- f. Make Your E-learning course Visually Appealing
- g. Trigger Your Audience Curiosity

2. STRUCTURE:

E-learning systems incorporate multi-media information such as audio, video, scripts, and graphs using network technology and the internet as platforms. Students can browse relevant materials for information about a certain subject by using hyperlinks organised in webpages. It can be presented in a variety of media, including slideshows, videos, online courses, virtual activities, and more.



3. SYSTEM:



The term "electronic learning system" refers to an educational platform that operates over the internet. Learning with an Electronic Learning Management System produces successful learning experiences and outcomes due to its convenience and flexibility. Given the contemporary atmosphere of fast changing sectors, distributed workforces, and reliance on internet technologies, they also complement most, if not all, industries.

4. SHARED VALUES:

- a. a. E-learning was created to provide learners with the tools they need to complete basic schooling and improve their skills. They can also earn a degree certificate without ever attending a school, university, or other educational institution.
- b. For tutors, it is a great source of earning, wherein they can teach from anywhere in their preferred time.
- c. b. Using e-learning at all levels of education allowed pupils to grasp the content more thoroughly and at a faster rate.

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- d. d. The audio-visual technique of teaching, according to psychology, creates a disciplined learning environment. There is a good tutor and there are student engagements.
- e. Learners, tutors, specialists, practitioners, and other interest groups have all been brought together via e-learning. As a result, there is a good practice of information sharing that is carried out through various internet platforms. This is critical in today's environment, as competition is increasing and the world is expanding. As a result, rapid knowledge aids in an individual's development.

5. SKILLS:

- a. Communication – Both Written and Verbal
- b. Strong Research and resourcefulness
- c. Deep understanding of how people learn
- d. Effective time management skill
- e. Basic Technical skills
- f. Project Management Strategy That Is Above Average

6. STAFF:

- a. Sufficient Manpower
- b. Project team
- c. Trust
- d. Training and education

NEED OF THE STUDY

E-learning enables for scalability, which guides in providing training. Through E-learning, all students can receive the same type of syllabus, study materials, and training. It can save time, money, and travelling costs by using E-Learning. There are no papers required because it is offered online, unlike traditional learning.



STATEMENT OF THE PROBLEM

The COVID-19 pandemic has forced educational institutions around the world to close, holding academic calendars in stake. To keep academic activities alive, most educational institutes have switched to online learning platforms. However, problems about e-learning readiness, design, and Efficiency remain unanswered, particularly in developing countries like India, where technical constraints such as device appropriateness and bandwidth availability represent a severe barrier.

The goal of this study is to determine the obstacles and acceptance faced by learners in Bangalore during the transition to online learning since 2020 owing to the covid-19 pandemic, as well as to explore possible solutions for future virtual learning.



RESEARCH METHODOLOGY



OBJECTIVE OF THE STUDY

- To study the challenges and acceptance of e-learning as a tool for teaching in covid-19.
- To study the stress in E-learning.
- To study and enhance the quality of learning and teaching.

RESEARCH METHODOLOGY

MEANING:

Research methodology is the specific procedures or techniques used to identify, select, process, and analyze information about a topic. In a research paper, the methodology section allows the reader to critically evaluate a study's overall validity and reliability.

The method of conducting any study of a research in a systematic manner is known as methodology. It becomes easy and result oriented if the study is well planned and structured. Keeping this in mind, “A study was conducted on challenges and acceptance of e-learning as a tool for teaching in covid 19 pandemic”.

SOURCES OF DATA

PRIMARY DATA:

A primary data for the study was collected through observation and discussion with the students studying in any field of education.

SECONDARY DATA:

The secondary data for the study was collected from official records, newspaper, magazines, management books, preserved information in the company's database and website of the company, periodicals, journals, and through Internet.



DISCUSSIONS

The collected data will be discussed keeping in view the objectives of the study.

LIMITATIONS OF THE STUDY

This study also includes some limitations which have been discussed as follows; -

1. Time constraint is one of the major limitations.
2. Data collection was limited to the secondary sources only
3. The research was limited to the city of Bangalore only.
4. There might be bias in information obtained.



CHAPTER 3
SWOC ANALYSIS



I. STRENGTHS:

There are a number of reasons why online programmes have grown so popular in higher education as a type of distance learning. The online environment presents unprecedented potential for people who would otherwise have minimal access to education, as well as a new approach for instructors in which dynamic, high-quality courses can be produced. The following is a list of some of the most important benefits of online courses.

- The fundamental benefit of asynchronous online learning is that it allows students to engage in high-quality learning settings when distance and schedule make on-the-ground learning difficult to impossible. Students can attend classes from any location in the world as long as they have access to a computer and an Internet connection.
- The online approach gives physically challenged students (and professors) greater flexibility in class participation. Instead of physically attending class, participants use their computers to access the Virtual Classroom.
- The Virtual Classroom is accessible 24 hours a day, seven days a week. Time efficiency is another strength brought by the online learning format.
- Professionals juggling job, family, and study schedules can engage in class discussions using asynchronous communication through online conferencing services. There's no doubt about performing the work; simply do it when it's more convenient for them.
- Students get access to their courses at all hours of the day and night. They also get access to lectures, course materials, and class discussions at all times. This is especially useful for students who may need to reread a lecture or spend extra time reflecting on a topic before moving on.
- The online platform allows for dynamic interaction between the instructor and students, as well as among students. The learning process will generate ongoing synergy as resources and ideas are shared.



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- A learner can reflect on other people's comments before answering or moving on to the next item in an online asynchronous conversation format. This framework gives students more time to articulate comments with greater depth and preparation than in a typical face-to-face discussion, when participants must analyse another's opinion on the spot and form a response or risk losing the opportunity to contribute to the conversation.
- In an online conversation, each student reacts to course material (lectures and course books) as well as other students' comments. Students frequently reply to the themes in the larger discussion that most clearly address their own problems. As a result of these circumstances, smaller dialogues within the group take place at the same time. While students should read all of their classmates' contributions, they should only participate in the sections of the discussion that are most important to them.
- students control their own learning experience and tailor the class discussions to meet their own specific needs.
- Learners have a level of anonymity in the online environment. Age, attire, physical appearance, disability, colour, and gender are essentially missing as discriminating factors. Instead, the focus of attention is obviously on the discussion's topic and the individual's capacity to calmly and intellectually respond to and add to the issue at hand.
- Distinguished guest experts or students from other universities can easily be included in an online class. Furthermore, today's kids have access to information and materials that can be found anywhere on the planet. For students to access for research, extension, or in-depth examination of course content material, an instructor can prepare an online resource section with links to scholarly papers, institutions, and other materials pertinent to the course topic.



II. Weaknesses of Online Learning

While online programmes have many advantages and provide unparalleled access to high-quality education, there are several drawbacks to using this medium that can jeopardise the success of any online school. here are some of the weakness of Online/E-learning.

- Students must be able to access the online learning environment before any online programme can expect to flourish. Students who are otherwise eligible will be unable to participate in the course due to a lack of access, whether due to financial or logistical constraints. This is a serious problem in rural and lower socioeconomic areas.
- In order to perform well in an online environment, both students and facilitators must have a basic understanding of computers. A successful online programme requires user-friendly and dependable technology.
- While online learning can be a highly successful alternative medium of education for mature, self-disciplined students, it is an inappropriate learning environment for more dependent students. Online asynchronous education gives students more control over their learning experience and allows non-traditional students to have more flexibility with their study schedules; yet, it also puts more responsibility on the student.
- In order to keep up with the pace of an online programme, students must be well organised, self-motivated, and have excellent time management skills. For these reasons, online education is not appropriate for younger students (i.e., elementary or secondary school age) or other students who are dependent learners and have difficulties adopting the responsibilities that the online approach requires.
- Successful on-the-ground training does not always equate to effective online instruction. The effectiveness of the online programme would be adversely affected if facilitators are not properly trained in online delivery and techniques. An instructor must be able to communicate effectively in both writing and the language in which the course is taught. If



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the facilitators of an online programme are not appropriately equipped to work in the Virtual Classroom, the programme will suffer.

- An online instructor must be able to compensate for a loss of physical presence by creating a welcoming environment in the Virtual Classroom in which all students feel comfortable interacting and, more importantly, where students know their instructor is reachable. Failure to do so may cause the class to become estranged from one another as well as from the instructor.
- Despite the recent surge in interest in online programmes, it's vital to remember that some subjects should not be taught online because the electronic medium does not allow for the most effective manner of learning. Hands-on disciplines like public speaking, surgery, dental hygiene, mathematics, accounting, and sports, are examples of subjects where physical activity and experience contribute to the fulfilment of learning objectives. These courses are probably best taught in a typical face-to-face classroom setting.

OPPURTUNITIES

With India's fast growing internet population, online learning has the potential to become a viable alternative to traditional education, but only if the government properly plans and implements it. Many educators believe that online education will become the preferred way of learning in the future due to the multiple alternatives accessible. In the current pandemic crisis, some of the opportunities presented by online learning include:

- Students can avail learning resources from anywhere in the world
- Virtual classrooms can impart quality education while avoiding the risk of the spread of Covid-19, which is of utmost importance in the present.
- Students from remote areas do not need to travel vast distances within the country or abroad to attend a good institution if they can take use of online learning options, which saves money. However, students would need a decent network connection as well as access to appropriate instructional technologies to do so.



CHALLENGES

While online learning opens up a range of new opportunities for imparting education, it comes with its own share of challenges as well. India still needs to go a long way in order to make online learning available to all the students in the country through proper developments in this regard. Some of the challenges that online/E-learning presently faces in India include:

Inability to Focus on Screens:

For many students, one of the most challenging parts of online learning is their inability to focus on a screen for long periods of time. While learning online, students are more likely to be side-tracked by social media or other websites. As a result, in order to keep students focused on the topic, teachers must keep their online courses concise, intriguing, and interactive.

Technical Issues:

The absence of internet access is another big difficulty with online programmes. While internet coverage has risen by leaps and bounds in recent years, maintaining a steady connection at a sufficient speed in smaller cities and villages remains a difficulty. If students or teachers do not have frequent access to the internet, they may experience a loss of continuity in their learning. The educational process suffers as a result of this.

Sense of Isolation:

Students can learn a lot from being in the company of their classmates. In an online class, however, there are little physical interactions between students and lecturers. As a result, pupils frequently feel isolated. In this instance, the school must allow students, classmates, and teachers to communicate through alternative means. This can include things like online messaging, emails, and video conferencing, which enable face-to-face communication and reduce isolation.



Teacher Training:

To teach online, teachers must have a fundamental understanding of how to employ digital modalities of learning. This isn't always the case, though. It's possible that teachers merely have a minimal understanding of technology. They may not always have the necessary resources and tools to provide online education. To address this, schools should invest in providing teachers with the most up-to-date technological training so that they can conduct online classes with ease.

Manage Screen Time:

Many parents are concerned about the health complications associated with their children spending long periods of time in front of a screen. The surge in screen time is one of the most severe issues and drawbacks of online learning. Students may develop poor posture and other physical problems as a result of sitting for lengthy amounts of time in front of a screen.



ANALYSIS & OUTCOMES



ANALYSIS/OUTCOMES

OUTCOMES:

1. Flexibility:

Between the time spent teaching in the classroom and the time employees have to build their own abilities, time challenges for instructors and educators in the Indian Education Sector are becoming increasingly onerous.

E-learning allows the school and teachers to be completely flexible because their e-learning may be accessible online at any time that is convenient for them. E-learning allows you the option to approach your training in a place that suits the learner, whether that's a coffee shop, your desk, or at home on your sofa, as it's a well-known truth among educators that different people learn better in different situations.

If a refresher online course or new online training programme needs to be finished outside of school hours, e-learning courses that can be accessed at any time and from any location can help.

2. Development tools

In the education industry, e-learning is also enabling to significantly boost individual development plans, motivating and supporting employees to reach their short and long-term career goals. Training routes can be created within an e-learning portal that provide a clear picture of the required learning that must be completed before progress can be made.

This makes it easier for the individual, instructor, or educator to understand what is expected of them in order to advance. It also aids the individual's manager in tracking progress and making recommendations based on the learning still required for the person to advance in their profession.

To ensure that all parties involved work together to attain the final goal, learning routes can be agreed upon at the start of a term, year, or contract.



3. Improved communication:

E-learning necessitates the learner's adaptation of their learning style into a technology-based system, commonly referred to as a learning management system (LMS), which also improves the individual's IT skills.

This adaptability will inspire the employee to create new ways of engaging their pupils, taking into consideration the different learning styles and requirements of their class.

E-learning can provide fresh, entertaining ways of showing letters and words for students who struggle to read, making the process of language development much more successful. If the student isn't especially enthusiastic about arithmetic, e-learning can inspire gamification tactics that can make the student's math experience significantly more enjoyable than pen-and-paper labour.

With the consideration of learning needs in mind, e-learning can motivate educators to adjust their own teaching style and utilise more creative ways of communicating in the classroom.

4. Management:

E-learning can also be utilised as an effective management tool in the education sector, providing insight into staff development and progression while also indicating potential skill shortages that need to be addressed.

Once these gaps are identified, the decision can be made whether to up-skill current employees or to create possibilities for new hires to meet the school's or education centre's needs. Senior management and 'learning' employees can both view and download training programmes and courses aimed at improving the overall teaching offering.

E-learning platforms give you the opportunity to download reports about the level and detail of the learning undertaken, and a record of when the learning is valid until. This will help to ensure training and learning records are up to date and that events and courses can be scheduled ahead of time to provide regular learning that will lead to consistently high teaching.



Challenges and acceptance of E-learning as a tool for teaching in covid-19 pandemic

If you work within education and want to understand more about how learning impacts employee engagement and how e-learning software can benefit your school or education centre, contact Claromentis today.

We specialise in providing responsible e-learning software that is user-friendly and effective in delivering the learning you need for your team. Our software allows you to record and track progress, giving access to information about upcoming training courses and events, keeping an efficient record of the employee's learning to date.

5. Work Quality:

If the instructor makes the expectations and requirements clear then, given that students have time to reflect on their discussion contributions before posting, they can offer more resources and interesting facts than they could in a f2f talk on the same topic, thus increasing the quality of the discussions.

6. Preparation:

In a f2f discussion the students may or may not have prepared or read the material, but in online discussions they always have time to look up the information and study the item prior to posting a response about it, particularly useful for ESL students who may need extra time to prepare in advance of discussions.

7. Netiquette:

In the new millennium we are all faced with having to learn a whole new set of social communication skills: how to politely discuss topics in the online format. The instructor is integral in helping the students find their online voices and personalities in a polite and socially acceptable manner that is conducive to a warm and inviting learning community for all; a skill the students will use in their personal and professional lives too as technology for communication use expands.



8. Writing Skills:

If the instructor has high expectations on the quality of the writing that students post, then students will have the opportunity to improve on their writing skills. This can be an essential practice of writing for ESL students.

9. Active Management:

As the instructor follows student discussion threads, they can see misconceptions or logical errors and fallacies right as they occur and offer the information or guidance students need to stay on the right learning path in class.

10. Equal Chances:

In a f2f discussion there is limited time for everyone to talk; as soon the class discussion time is over, the discussion is over. The online format is a great place to continue the classroom discussions thus allowing all the students, even the shy or timid, a chance to have their say. This also allows students to participate at the same time in multiple lines of thought (threads) within the same discussion theme.

11. Global Connections:

Some online course discussions are conducted across different course sections at the same campus, or across several campuses, or even between the same course at two different universities in the same or different countries. These kinds of online global connections allow the students a chance to improve on their cultural perspectives and to network internationally.

12. Expanding Classroom Learning:

A classroom discussion can only last as long as the class hours allow and may take time away from lectures and other activities that the instructor needs to give to the students. Having online discussions on the course lectures allows the instructor to continue course discussions even once the f2f time is over. It can also be a great way for students to integrate learning from classroom lectures into discussion conducted online



LEARNING EXPERIENCE & CONCLUSION

LEARNING EXPERIENCE & CONCLUSION



LEARNING EXPERIENCE:

- The student experiences in the course varied with the delivery format.
- Ability to work both face to face and online when schedules did not permit.
- Lack of technical training and support, inadequate compensation and incentives structures, and lack of release time for planning have been cited as reasons why faculty resist participating in hybrid and online courses.
- Student who succeeds in online courses generally work during consistent times during the week
- Every online course is different and therefore students need to allow for time to adjust to the course design and course management strategies. It would also help if institutions provided students with an orientation to online learning that also includes familiarization with the course management platform.

CONCLUSION:

For numerous years, the positive influence of e learning has transformed workplace learning, enhancing efficiency, workflow, and collaboration. Because of the flexibility of e-learning in terms of learning location and time, entire education programmes may be rolled out among teams all over the world.

The impact of e learning on students in the education industry, from primary to university education, to give meaningful, enjoyable, and engaging courses.

The results of incorporating e-learning into the education sector have helped to increase IT skills in teaching staff which can be translated into skills for the pupils.

With most businesses now operating as digital workplaces, e-learning is becoming an increasing norm in effectively and efficiently delivering education. Below we've highlighted some of the keyways that e-learning has positively impacted the education sector.



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01-Dec-2021	Discussion of title of the study, objectives of the study, statement of the problem, and need of the study.	
07-Dec-2021	Discussion of research methodology, tools for data collection and limitations of the study.	
15-Dec-2020	Discussion of Challenges & Acceptance of E- learning and SWOC Analysis.	
22-Dec-2021	Discussion of outcomes of the study, learning experiences and conclusion.	

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