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JOURNEY FROM FACE TO FACE EDUCATION TO DIGITAL

Sanchita Sarkar¹

INTRODUCTION

Education is generally known in 3 senses-i.e. knowledge, subject and a process. As we all are known that EDUCATION, the term, has been derived from two Latin word – Educare (Educere), and Educatum. Educere means to train and educatum denotes the act of teaching. So, in learning or acquisition of knowledge, the process of teaching is very necessary. Through which a student can clear their conceptions and gain the knowledge. In a teaching learning process, there are 3 components like teacher, student and the process of transmission of education. Educational transmission process based on various components like learning environment, curriculum syllabus, etc. So there are so many process for gaining of knowledge. In this process face to face mode of education was ancient which was also followed till now. But recently e-learning or digital learning management system is very useful and modern using some technologies. So the medium of transaction is necessary for proper

learning process. Face to face learning process is a one way process or two way process where , through the medium, teacher transmit all the instructions to the students by lecture method and in two way process, both the teacher and students interact through problem-solving method, demonstration method, project method, whereas, digital learning process is a multi-way process in which teacher student interact with each other, self-assessment done, study materials also available and the students can re-access when they need the all. This digital learning process continues through the electronic gadgets. So that students must aware of the usage of electronic gadgets that can handle the whole process without any interruptions.

REVIEW OF LITERATURE

Literature 1

Title:

Chamorro, M.L.M; (May,2018), Comparing online English language learning &

1. M. Ed 4th Semester Student, Satyapriya Roy College of Education Salt Lake, Kolkata,
E mail: desanchita94@gmail.com

face to face English language learning at El Bosque University in Colombia, Virginia, VCU Scholars Compass

Review:

Online learning is a growing educational alternative who due to time & space constraints cannot attend face to face classes on a regular basis. Since its beginning, online education has maintained a crescent demand & it has evolved as technology itself has more to offer in terms of educational tools. Another reason why online education has become popular is because it offers the possibility to attend remote universities with having to move to new cities or countries. In countries such as Colombia, access to education other than elementary & secondary school is very limited. This includes access to structured courses of foreign languages which have increased their demand recently due to global market competition. So in Colombia, English as a foreign Language has become one of the national educational goal. Some institution have broadened their courses offering by introducing online classes as an option for those student who cannot attend face to face session. Online students can benefit from having a good number of synchronous session during their course. Online courses have the potential to be as good or even better than face to face courses as suggested by the literature. Certain student characteristics play an important role in the success of online students. Self regulation, discipline & consistency are required to an optimal performance. additional opportunities for online student to increase

their teaching practice need to be considered. Online education here to stay & only through continuous monitoring, evaluation & subsequent improvement can institution guarantee they will maintain & expand their online offer.

Literature 2

Title:

Ali, Dr. Mohd. M. ;(January 2019), Professional Development Of Teacher with ICT, New Delhi, Indian Journal Of Educational Technology

Review:

Increasing availability of Information & Communication Technologies (ICT) present teachers with exciting opportunities to transform pedagogical practices. The demand on teachers to integrate ICT into their teaching – learning programme is high & places additional presences on teachers in an already challenging profession. Student entering the work force need not only to be equipped with the skills to use those new technologies , but also to be flexible , adaptable & multi-skilled. The pace of technological revolution & emergence of knowledge , society are changing the traditional role of teachers & students. The development of ICT changes the epicentre of both knowledge, i.e. teachers find themselves in a situation where they are no longer the principal source for delivery of information. NCF 2005 states –“ integration of Information & Communication Technology into schooling need serious consideration , teachers, educators, curriculum developer, evaluators & others will have

to redefine their role to tackle ICT rich environment & harness its full potential for the benefit of learner". National Curriculum Framework for Teacher Education 2009 stated that it needs to also equip teachers with competent to use ICT for their own professional development. Introducing ICTs expands the need for ongoing professional development of teachers. ICTs can be important tool to help meet such increased needs by helping to provide access to more & better educational content, facilitates routine administrative tasks provide models & simulation of effective teaching practices, and enable learner support network, both in face to face & distance learning environment. The esteemed Universities / Institutions in the world like Stanford , Harvard, Duke , Caltech, Princeton , Massachusetts Institute of Technologies (MIT) etc have developed online courses & tied up with major MOOC provider like Cousera, Udacity & Edx etc to provide these online courses to interested participants from world over , free of cost.

Literature 3.

Title:

Singh , Dr. Alka ;(January 2019); ICT Initiative In School Education Of India; New Delhi; Indian Journal Of Educational Technology

Review:

The 21st century is known for creating and building knowledge wherein the information and communication technology plays the key role. In recent years, ICTs have been evolved as an outcome of

globalization and technological changes at national and international stage. ICT includes technologies of transmission such as radio and television, modern communication and networking tools like cellular phones, computer and network, hardware and software , satellite systems and so on. It covers various services and applications associated with the tools, such as video conferencing, social networking, collaboration, etc. Thus ICT is encompassed with knowledge , comprehension and application part of education. NCERT has launched a revised Information and Communication Technology Curriculum for schools across India which focuses an integrating ICT tools as part of pedagogy instead of teaching computer as a separate subject. Students of kendriya Vidyalayas have been given touch tablets, pre-loaded with e-contents of Mathematics and Science subjects to use it for classroom transaction. It proposed to promote flip-learning, reduce school-bag burden, learning at own pace and effective assessment. In addition , 9711 e-classroom have been established and 2300e-classroom are being delivered to promote blended learning and better understanding of concepts and effective assessment. To enhance quality of teaching and learning -Diksha portal, e-classrooms, digital language lab for KVS. Shaala sarathi have been developed. For monitoring and evaluation Saransh, shaala sidhdhi, Sha-Gun portal implemented by states and UTs.

Literature 4.

Title:

Gupta , Deepty; (July 2019); Capacity Building Of Teacher Educators For E Learning tool: An Experimental Study; Indian Journal Of Educational Technology

Review:

E-learning uses the various technological tools to reach and give information via internet for the learning process. These tools can make teaching and learning more efficient and productive by enhancing and facilitating the teachers and learners both. This can make the students more creative and independent if the teacher is not present in the classroom. There is a wide range of e-learning tools which provide learners the opportunity to create their own digital environment and learn as per need. E-learning is designed for a variety of learners and has given a range of tools including e-mail, blogs, wikis, podcasts, screen casts, and video streaming, etc which make the e-learning system more effective..

Literature. 5

Title:

Bali , S; Liu, M.C; (2018), Student's Perception toward Online Learning & Face to Face Learning Courses; Taiwan; Journal of Physics : Conference Series

Review:

Online education has definitely moved into higher education with new programmes being added continuously. The blended synchronous learning (a 'blend'

of online and traditional approaches) mode is also gaining and developing currency in higher education, while its effects on students and instructors' experience are yet to be fully explored. Traditionally, online learning is perceived as lacking interactivity compared to face-to-face learning. It is mainly due to lack of social presence, lack of social interactions, and lack of student's satisfaction. However, online learning has been promoted as being more cost-effective and convenient than traditional educational environments as well as providing opportunities for more learners to continue their educations.

OBJECTIVE OF THE STUDY

1. To know about the necessity of modern teaching learning programme.
2. To know about the total evolutionary process of teaching-learning strategies based on recent perspectives of COVID-19 Pandemic situation
3. To know about the advantages and limitations of both face-to-face process and digital learning system.

METHODOLOGY

Types of Research:

This is a qualitative research & a descriptive type of method is used in this study.

Sample Collection:

- Primary Source:
 1. Mangal, s.k. ; Mangal, u, (2009), Essentials of Educational Technology, New Delhi, Prentice Hall of India Pvt. Ltd.

2. Aggarwal, J.c.;(2007), Essentials of Educational Technology: Innovations in teaching-learning, New Delhi, Vikash Publishing 2nd Ed.
 3. Chauhan, s.s,(1994), Innovations in Teaching-Learning Process, Vikas Publishing House Pvt. Ltd.
- Secondary Source:
 1. <https://www.educations.com/study-guides/study-online/>
 2. <https://scholarship-positions.com/pros-cons-distance-learning/2014/07/25/>
 3. <https://swayam.gov.in/>
 4. <https://www.mooc.org/>
 5. <https://www.swayamprabha.gov.in/>
 6. <https://www.docebo.com/blog/what-is-learning-management-system/>
 7. <https://headspace.org.au/young-people/face-to-face-vs-online-learning/>

SIGNIFICANCE OF THE STUDY

1. Education is vital for social, political and economic development of any nations. So ,effective teaching and learning are very essential. This study will contributed to the improvement of students learning by Modern Strategies.
2. This study will also highlight the significance difference between face to face method and digital learning system.
3. Due to this study, researchers will understand the weaker part of the both strategies and can reconstruct the strategies properly which may causes an insightful

learning and students also develop a interdisciplinary concept by which they will able to do abstract thinking which is the key of success for their future..

OBJECTIVE WISE EXPLANATION

Objective 1: To know about the necessity of modern teaching learning programme

Explanation:

In base of modern days online teaching learning process is too much effective & learner focused. It is flexible in nature & less focus on verbal interaction . Multimedia are used in a variety of ways in this process . Learning is more active & the role of the learner is more in this process. It give learner chances for self learning & motivation. In this process learner can use innovative technique through this modern instruction.

Objective 2:To know about the total evolutionary process of teaching-learning strategies based on recent perspectives of COVID-19 Pandemic situation

Explanation:

Face to face mode of education is a traditional mode of education. In this process. teacher and students both will come to a certain place and they will discuss about the lesson and solve various problems related with the lesson. As we think about Vedic period where the act of teaching was only based on face to face mode. In this process, the teacher is so much active than the student. It resembled that the teacher knew everything. According to the gold sac theory, teachers and books were the only source of knowledge and provide some prestructured knowledge to the children .from past to present days, in all formal institutions,

face to face mode of education followed .later to make students more active, not only lecture method, but also other methods like project method ,problem solving method ,demonstration method are followed. In this process, one student can share his or her doubts with companions and teachers, similarly they can also share their personal problems with each other and can get various type of solutions and due to this type of sharing, they can also maintain their mental health. As they will come to the institution, and stay there for certain hour with other people ,it will promotes the proper socialization which will help them to be a Ideal citizen of future.

A digital learning management system is a software for documentation, tracking, delivery of educational courses. It delivers all type of content like documents , video , audio clips, PowerPoint presentations, chapter-wise learning materials. It is totally base on e-learning programme. Recently due to ICT(Information & Communication Technology) in schools causes enhancement of the usage of computer for learning purposes and gaining knowledges. IN this process, there are many of programmed learning instructions and computer assisted learning methods, in which students may proceed their learning with their learning capability and they get feedbacks also and which may also concern about individual differences. Now MOOCS(Massive Open Online Courses) are very much rising trends through which interested students get course materials through digital library or some virtual library. They can also access some virtual laboratories also. Now-a-days there are so many virtual classroom arrangements made by some open universities. Except these, they can also access internet sites to gather some recent worldwide

information through Wikipedia and ecylopedia .

Objective 3: To know about the advantages and limitations of both face to face process and digital learning system.

Explanation:

Advantage & disadvantage Of Face to Face Learning Process :

Advantages..

1. In this face to face teaching learning procedure ,it is physical.
2. One get instant answers
3. It is very important of direct group interactions to solve and clear the conceptions.
4. It gives motivations to the students.
5. In lecture method, one teacher can taught and share their experiences to the number of students in very short time and very easily in our Indian school's infrastructural condition than other methods.

Disadvantage...

1. Face to face mode of education may not suitable for the peoples who are poor communicators.
2. Some students may go a big step of walk to enter a school. sometimes they lost their interest.

Advantage & disadvantage Of Digital Learning Process

Advantages..

1. It saves time

2. Students can get learn due to their interest and capabilities.
3. Which students are poor communicators, they can also involve in this programme based on their needs.
4. In this process, students can get involve in learning process 24×7 hours. So there is no time barrier for learning.

Disadvantage...

1. They become lazy.
2. Sometimes their mind become distracted from their learning.
3. In Indian perspectives, this village centred country can not properly evolve this digital learning management system and this process needs proper training to handle it.

FINDINGS

1. Face-to-Face process is very necessary to make the student socialize, to read the facial expressions, emotions and to learn how to react on different situations.
2. Digital learning system is also necessary to learn how to manage the modern devices and to become up-to-date. It also help in self-learning based on their capabilities.

DISCUSSION

In this COVID-19 pandemic situation, e-learning or digital learning process is very much necessary to keep in touch with the lessons as the students need to know their lessons properly and keep continuing their studies regularly. In this e-learning procedure, we can use our social media as a medium of learning procedure. We can use youtube making some

videos related to their lessons. In this process, they should get some worksheets on the related lessons that the teacher can know about their weakness about the lesson and the students also get some feedbacks and they realize that how they should be serious on their study. Through different kind of video conferencing applications teachers should make a virtual classroom where they directly interact with the students and solve their problems instantly, which is very necessary for their progress in future.

Nowadays there are so many learning applications like-Byju's, Vedantu, Unacademy- which provide so many courses through e-learning procedure. Similarly there are some many governmental learning applications-like SWAYAM, e-gyankosh, e-PG Pathshala , etc based on the principles of education policy viz. Access, equity, and quality. This applications provide study materials, online lectures , self assessment. So the students are connected with studies in this lockdown period of COVID-19 pandemic condition when students are not able to go to their institutions, their tuition classes. And also in lockdown phase, as everyone cannot meet teachers, some video conference has organized students can see the teachers discussing on a topic and in this interactive session they can express their feelings about the topics and due to this interaction, students can also develop their mental health stability properly as they cannot meet with their friends and teachers, so there are some mental stress occurs due to self-isolation.

It is very true that the process needs accurate training to proceed it. So , now in professional courses of teacher education, like, B.Ed and M.Ed include ICT courses in their curriculum

and teachers go to some correspondence and refresher courses that they can continue the process accurately and help the students properly. But not only theoretical courses, it also needs some practical experiences that they can manage in the real conditions. So, it is very necessary to train the teachers and would be teachers properly.

If we continue the e-learning process without proper strategy the teachers may face so many challenges which may also cause some stress. These stresses may happen when they all are not properly trained or if they are already trained enough but there are so many limitations to apply it properly. This process must not apply in rural areas as the schools do not have such kind of infrastructure to afford these technologies and rural area's students for their poor economic condition as they can not afford these modern equipments. In rural areas, as so many students are of first generation learner, sometimes their parents could not want to send them to schools, in this perspective, this e-learning procedure is absolutely a luxury for them. Some rural area students do not have any smartphones and the usage of smartphones and computers. In some rural areas, electricity is not available. So, these are the basic problems for online learning. This creates a digital divide between the students of rural and urban regions. In some hill station, students may also suffer from internet connectivity problems. So they cannot access the online classes properly. According to the RTE act-2009, we know about the main quote-' Education for All'-will create a big question mark.

SUGGESTION

1. Teachers should attain some correspondence and refresher courses that they are

able to be habituated with these modern techniques.

2. Students should be encouraged for this digital learning process and they should be able to know how to operate properly these online-learning applications.
3. Parents should be aware of these modern techniques because students are young in age and they have not such mental stability and self control and they might be distracted due to internet accessibility. If parents will be known the whole process, they must be able to control their children.

CONCLUSION

Every method of learning has its own advantages and disadvantages. But all methods are necessary for proper learning development of a student. Through face to face learning process, they can share their facial expressions, motivations and some personal experiences which is very necessary for mental and emotional development. Digital learning process is now very well-accepted process, through which students will know about the modern technologies, upcoming technologies also. They become very up-to-date. In this process they can reuse their study materials as they need. Especially, in this recent perspective, during COVID-19 pandemic situation, this digitalized learning procedure is too much helpful for all kinds of students as they are not able to come to their institutions. They are attached to their courses by this digitalization.

It is true that, tele-teaching is a boon for its students who can see, listen and more importantly, interact with their teachers and other experts drawn from the field. For students of conventional colleges and universities, par-

ticularly those living in small towns, rural and remote areas, teleconferencing provides a rare opportunity to be benefitted by the expertise drawn from different fields. In a conventional cascade model when large numbers have to be trained in a face –to-face mode, transmission loss is a major concern by the time information and skills are passé on to those for home training was really meant. Training by teleconferencing overcomes this problem since participants are watching, listening and interacting with the primary resource persons.

As I think that after post COVID-19 situation, both face to face mode and digital learning procedure will used to develop a proper learning environment. All two process togetherly make the whole learning system accurate and the students will become more beneficial. If our learning system will totally dependent on digital process, then only students who belong with higher and middle class will only get ben-

eficiary effects. But in our country there are so many economic divisions, so in schools every students of different economic conditions, come and learn together-so this process will be hampered and this students who belong with lower economic conditions, will suffering the most. And we all know about the quote that 'School is a miniature of society' so if students of different economic conditions will come this place and learn togetherly, they will learn how to be social which will help them to become a great civilian in futute. And they will adjust and adapt in any kind of situation in future. As we all know about the Derwin's law -'struggle for existance' , so if the students are able to adapt to stay with others properly ,they will survive in this world properly in their further life..

REFERENCE

- National Council of Educational Research and Training(2005) . National Curriculum Framework, 2005, New Delhi, NCERT
- National Council of Teacher Education(2010), National Curriculum Framework for Teacher Education, New Delhi, NCTE
- NKC (2007),National knowledge Commission -report o the nation -2006. New Delhi. Government of India. Retrieved from- <http://www.Knowledgecommission.gov.in>
- <https://www.educations.com/study-guides/study-online/>
- <https://scholarship-positions.com/pros-cons-distance-learning/2014/07/25/>
- <https://swayam.gov.in/>
- <https://www.mooc.org/>
- <https://www.swayamprabha.gov.in/>
- <https://www.docebo.com/blog/what-is-learning-management-system/>
- <https://headspace.org.au/young-people/face-to-face-vs-online-learning/>