



ICT –Pedagogical Principles in Teaching Language with Technology

Priyanka Banerjee¹, Shreya Mitra² and Suchandrika Banerjee³

Faculty, Department of Basic Science and Humanities, Narula Institute of Technology, Kolkata, India¹

Student, Department of Computer Science and Engineering, Narula Institute of Technology, Kolkata, India^{2,3}

Abstract: Through this paper, it has been aimed to show the role played by ICT in language teaching and learning. ICT stands for Information and Communications Technology. It is an extensional expression for Information Technology that focuses on the role of unified communications and the integration of computers and telecommunications, software, middleware, storage, etc. that enables one to access, store, transmit, analyze, and manipulate data or information. Language learning and teaching have always been considered to be a complex process. To make such a complexity easier, well-advanced teaching aids should be available as it has become the need of the hour. ICT has played an educational role in formal and non-formal settings, in programs provided by different kinds of agencies both private and governmental. This study will show how ICT has a huge impact on the process of E-learning or online learning. In recent times our world has seen things like pandemics, wars between countries, etc. but these should not hinder the process of learning for a student. For that e-learning is an amazing tool as online learning ensures that a student gets to access quality education not only while in the classroom but also while at home. ICT also helps specially-abled students to access essential materials from anywhere to fulfill their educational needs. Today ICT is being used as a very important tool for improving the quality of life. Its use has increased rapidly in recent years. Different language institutions all over the world have already realized the importance of ICT in the teaching-learning process. With respect to teachers, it decreases paperwork saving time and improving work-life balance in the process. With respect to the students, it teaches life skills and focuses on soft and hard skills needed in the workplace. Different language learning tools have proved to be beneficial in the learning of foreign languages also. To conclude we can say that the use of ICT in language teaching has countless benefits. The development in the use of ICT, like language lab, satellite broadcast, videoconferencing, and webinars have supported the richness and quality of education both on and off the campus.

Keywords: E-learning, Communication, Technology, Language-learning

I. INTRODUCTION

The breakthrough of Information and Communication Technologies (ICT) has utterly shaped our modern life. ICT is the term which is currently used worldwide for describing new technologies which depend mainly on computers these days. Even the traditional technologies for example radio, television and telephone are considered to be ICTs. ICT is considered to be one of the basic building blocks of modern society. The introduction of ICT in education can help in creating a new way of learning and teaching where we are in a world that technology has reduced it into a small village. However, ICT doesn't have that much of an impact in the field of education as much as in other fields. We all know that education is a very socially oriented activity and quality education has strongly been associated with great teachers with high values.

With the world moving rapidly into digitalization of almost everything, the role of ICT in education is gradually becoming more important and this importance will continue to grow and develop in the 21st century. Nowadays the teachers are expected to be both traditional and modern in their teaching-learning process. The teacher has to be prepared to have the capacity of including ICT in teaching process. Since ICT is a very student centred learning process it creates a tension between teachers and students. But since the world is moving into an era of digitalization, the importance of ICT in the field of education is increasing. It is believed that ICT can enhance teaching and learning through its dynamic and interactive content and can provide real opportunities for individualized instruction and in the future ICT is going to become an integral part of the education system.

II. DISCUSSION

Meaning: The term ICT is an abbreviation for Information and Communication Technology. The term ICT refers to forms of technology which are used to share, store, create, display, exchange information by the help of electronic means. This broad definition of ICT includes technologies such as radio, television, video, satellite systems, as well as computer and network hardware and software. They also include services associated with these technologies, for example videoconferencing, e-mail and blogs. It is a broad subject and several types of works are being done on this topic every day.



Importance of ICT: The importance of ICT are as follows

- It has a huge impact in the process of E-learning or online learning. In the recent times our world has seen things like pandemic, wars between countries etc. but this should not hinder the process of learning for a student. For that e-learning is an amazing tool as online learning ensures that a student gets to access quality education not only while in the classroom but also while at home or maybe hospital in that case.
- ICT also brings inclusion in the process of gaining quality education. If implemented properly, it enables students to access quality education from anywhere even outside of classroom. This helps the especially abled students to access essential material to fulfil their educational needs.
- ICT in the field of education improves engagement and knowledge retention. When ICT is integrated into lessons it has been seen that students become more involved in their work. This is mainly because these technologies provide different opportunities to make it more fun and enjoyable especially while teaching the same things in different ways.
- With respect to teachers, it decreases teacher paperwork improving work life balance. With the digitalization of a lot of aspects in the field of education it lessens the amount of paperwork for the teachers as it is not only restricted to producing hardcopies anymore. Virtual lesson plans, teaching softwares and online assessments can save a lot of their valuable time.
- With respect to the students, it teaches new life skills and skills needed in the workplace. Students get to learn different life skills through the exposure to the world of ICT, which they might not get through traditional way of learning.
- Moreover it also allows students to learn in their own pace. Since ICT is very student- centred it helps them to learn things in their own convenience.
- Moreover, most importantly we live in a world of knowledge and economy which means that we should know how to use knowledge effectively. So, in this perspective, ICT can help us a lot.

III. USE OF ICT TOOLS

ICT includes uses of computer technology, which includes hardware, media, peripheral devices, delivery systems as well as software. Today the concept of ICT is used as a tool for improving the quality of life. Its use is increasing a lot in recent years. Several language institutions in all over the world have already realized and acknowledged the importance of ICT in teaching-learning process. However, ICT plays the main role in communicating, managing and establishing information. ICT has proved very effective in delivering learning to every place all over the world and to those people who are not able to move from their own places or those who cannot move their limb and hardly utter words. It becomes possible and easier for them to enhance the process of education due to ICT.

IV. IMPACT OF ICT IN LEARNING LANGUAGE

Language learning and teaching is considered to be one of the most complex process. To ease such a complex process, different teaching aids are introduced. ICT is one of such teaching aids. To describe it in a better way we can say that ICT can enhance teaching and learning through its dynamicity. Moreover it also has interactive and engaging content and can provide real opportunities for individualized instruction. The modern classrooms are very different from traditional classrooms due to the introduction of technology in the field of education. For further improvement, ICT tools can be used. These tools include both web-based tools and non-web based tools to ensure they are accessible for all.

V. BENEFITS OF USING ICT TOOLS

ICT provides us with positive vibrations on students' attitude towards learning a language especially learning a new language. Student can have an excellent chance to pick out the elements through which they can meet their learning strategies, which were failed to satisfy by the conventional methods.

The availability of different sources like images, animations, audio-video clips is often perceived as very simulating because they support the learners in the process of presenting and practicing a language in a different way. Not only for the students but also for the teachers depend more on these tools to produce, prepare, store and retrieve the materials of learning at ease.

**VI. ROLE OF ICT IN THE FIELD OF ENGLISH LANGUAGE LEARNING**

English is considered as a global language, so the learning and comprehension of it has been acknowledged worldwide. English has become the tool for communication worldwide, so the learning of this language is very important. It has been found that the introduction of ICT tools has impacted the learning of English in a very positive way. With the help of ICT enabled English language learning classes the faculties will find it easier to conduct classes. It has already been proved to be an excellent method of enhancing the teaching-learning process. These tools give stimulus to complete the work that the students might otherwise avoid by making it more fun and enjoyable.

We conducted a survey on some students and teaching professionals on this topic and some of our findings are as follows:

78.3% of them responded positively to the presence of blended learning at their institute and 95.2% were very happy and benefited with usage of the modern techniques of classroom teaching. They were also asked to share their experiences and share how it influences learning and they highly appreciated the usage of videos, PPTs and other online materials on different topics. The students admitted that they can practice and learn communication skills in a better and effective way. It is very beneficial as it involves many things apart from just watching the teacher teaching in the class. It involves critical thinking, active listening skills, which boosts for learning capability a lot. It helps us to learn both technically and in the old school method that has been coming down for generations now.

Then even suggested some innovative tools or task to be conducted in the classroom for e.g. taking students on virtual field trips (VR technology), allowing them to explore historical landmarks, different countries or even outer space. Through the survey they suggested the connection with experts of various fields through video conferencing tools. This would enable interaction with professionals and gain insights into real-world applications of what they are learning. The professionals and students both suggested student-teacher interactive sessions to help with the harder topics and assignments that get accumulated due to the pressure of syllabus completion.

VII. CONCLUSION

The use of ICT in language teaching has countless benefits. The development in the use of ICT supports the quality of education both on and off campus. It has harnessed several views of different scholars which have established the fact that ICT are nothing but an indispensable tools that facilitate the teaching-learning process of English Language. So, in conclusion, we can say that the implementation of ICT is a very advanced approach of English learning and will impact the education field in a positive way. As generations' progresses, more technical ways of teaching come into being, benefitting us to learn easily and thus saving time. "We can control pace of learning and save money."

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