

## TECHNOLOGY INTEGRATION IN LANGUAGE CLASSROOMS: DIGITAL SELF-EFFICACY FOR A FUTURE SOCIETY

### Abstract

In today's technology era, education have been relatively successful in making a future tech citizen, execute lessons of all subjects to taught and learn using technology which helps in enhancing learner motivation, engagement, learning and useful for future life. Even though the teachers reluctant to use technology in classrooms. A great effort is in need from the part of teachers, practicing, provide accurate instructions, willing to clarify technology related doubts from students, are the reasons behind the reluctance. By integrating technology in classroom routines can reduce this crucial condition. In this paper the researcher discusses the various ideas that can be adopt by a teacher for language classrooms using technology. How does technology integrate in language classrooms, is the key idea of this paper. It is necessary for teachers to design his/her teaching methods for learners according to the lessons, using digital technology.

**Keywords:** *Technology Integration, Language Classrooms, Digital Self-Efficacy, Future Society.*

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## I. INTRODUCTION

All subjects can learn and taught through technology. It is the main utility of technology in classroom. It is irrefutable thing that usage of technology in classroom is a little bit more. It is a fact that language is the means for exchange ideas by human, but never forget its benefits in different level. The growth and clarity of languages can be increased by the technological advancements. It helps to add technology related new words to the language word bank, and enrich the language by each day. A plethora of words is a factuality of an existing and extension of language. Some of the learning aims that pointed out by NEP 2020 are attaining foundational literacy and numerically and, appropriate integration of technology into all levels of education. For attaining this, one should know more about what is the situation that going on now. All these will achieve very easily with the help of technology. Thus, achieving learning goals using technology called technology integration. Use of technology is one key principle of NEP in teaching and learning and, removing language barriers. This chapter seeks to answer the questions, how does technology integrate in language classrooms? This question may be felt at a time very simple and difficult to answer. Because learning through a same way become a state of aversion and not a valiant work. Children always likes novel ideas and activities. So, it is the duty of the teacher to invent and promote new ways to achieve learning goals by students. For an easy approach to this question, we will proceed in this chapter by (i) perspectives of technology's role in language classroom (ii) some basic learning ways by technology integration (iii) role of technology in evaluation (iv) some technology integration models/ examples.

### 1. Perspectives of Technology's Role in Language Classroom

The language is an essential part from very early stages of learning. So, there is the possibilities of handling of technology by integrating with language learning like other subjects. Both the language and digital devices are like two sides of a coin because both are very crucial and indispensable to each other. It helps to improve the technological competency of children from the primary stage itself. By understanding short cuts, basic program they were suitable for workplace and better future life in this digital age. Some theories and activities related to technology only performed in the IT period, and it is not practicable for attaining technology competency. Instead of seeing IT as a specific subject, should give a space to every period learning activity, that every topic must be covered with the help of technology in every period of a day. Language class rooms are better platform for this process of fruitful learning as a convenient one, is a necessary thing in this digital age. Without doubt to say, in schools' language classrooms are an apt area of action regarding technology integration in learning. Why technology doesn't include in the part of examinations at lower primary level, but the name indicates 'integration' (Integration Day 1, Integration Day 2 & Integration Day 3).it is a relevant question in this context when, the government initiated and provide computer related learning textbooks in the name of 'Kali petti' for understanding about technology among children, make children smart and approach exams without fear through 'Integration' (name of annual examination in lower primary level). Here, 'integration' means assess and evaluate a child's knowledge in languages, mathematics and EVS in a single question paper. It is a written exam only. With this, it should include Information Technology related questions in a practical way. Thus, only the term 'integration' is more meaningful. As a pre-requisite, language classrooms are used

suitably for attaining the concept 'integration' totally. Decision making is very important in this situation that which technological methods are suitable to teach each topic.

## **2. Some Basic Learning Ways by Technology Integration**

One important way of learning language skills through technology is communicate or interact with technological devices. It helps to polish basic language skills such as listening, speaking, reading and writing. Teachers can create a file of each chapter from language text book as helpful to children to listen and read the language content easily and accurately and, provide it to the learners. For improving the speaking and writing skills of learner, the teacher can help them to use applications or the features such as audacity and, online platforms like blogs respectively. Another way to learn language in the class room is to give a chance to learners to integrate a topic or chapter with technology. All children were very different from each other in all aspects especially in thinking skill. They use their power of knowledge and thus it will useful to co-learners too.

## **3. Role of Technology in Evaluation**

Technology can enable teachers and learners to assess their works and, provide feedback on each other's work (Moore, 2022). Teacher can create online quizzes and polls. Every academic year there is an annual examination and, each and every exam is in written form except IT practical examination. This should be changeable by adding at least one question suitable for doing through technology. It is not difficult to conduct it nowadays because all schools in Kerala are 'smart classroom'. The idea of digital portfolio is also work here. Each student should have his or her own digital portfolio made by teacher and in these the child's achievements can be record and it is useful for parents too.

## **4. Some Technology Integration Models/ Examples.**

Here pointed out some examples for integrating technological devices in language classrooms. 'The Little Clay Hut' is a chapter from English Textbook of class 3 and, here some technology integrated learning possibilities. First, the teacher given a task to draw and colour a clay pot using technology such as computer, tab, etc. Gimp, Tux Paint in the computer is useful for this in schools. Second, create a digital album of the living beings or non-living things listed in the story. Third, send an email to any animal in the story by another living thing about its situation. For this teacher should create an email id in the name of class and used it for related purposes. Fourth, check each difficult word's pronunciation correctly through online. Fifth, role play can perform with the help of audacity voice recorder and other options. All the exercises can do with according to the nature of each chapter throughout the academic year. Prepare poster, advertisements, notice are the common activities in the language classroom and teach learner using proper software applications. Give opportunities to learner for upload and retrieve data using pen drive and compact disc in the classroom. Thus, the learner acquires technological efficacy and increase interest in learning. It is a way of avoid rote learning. Gradually after the completion of secondary level the child have the basic knowledge of using technology. It helps children to choose a course as per his/her interest. It leads to own a peaceful mind.

## Hoping to Mutate the Condition through NEP 2020

Strengthening the planning and execution of technology-infused education is necessary if India is to be regarded as a global leader (Kumar, n.d.). NagaEd, a leading Digital Education Company reported that NEP 2020 recognized the importance of Digital education and need to include in the school curriculum. The new NEP 2020 includes a major provision regarding the integration of technology across subject areas and grade levels. The first few years of the school system will see the introduction of digital technology in order to increase enrollment rates and guarantee that education is available to everyone. The availability of content for subjects in all Indian languages will receive particular attention (Chronicles, n.d.). NEP advocates (para 4.23) that all students should acquire certain skills, subjects and capacities and, digital literacy, coding and computational knowledge is one skill mentioned in it. Different level of digital initiatives is need for promoting these skills and capacities among learners. NEP (para 4.6) also emphasis experiential learning that is, hands-on-learning should include in all stages of learning and, it also applicable in language classrooms. According to NEP 2020 at least up to 5<sup>th</sup> grade the medium of instruction will be mother tongue or regional language. In this situation using digital technology in language class room, it will a boom to learners to use English language through experiential learning through digital technology, as English as an international language. Discussions and application of knowledge which acquired in other subjects should reproduced in language classrooms through digital technology.

## II. CONCLUSION

We are moving through the century which is indeclinable for propagating the technology curiousness among the society. A society with strong foundation in technology consciousness never mislead by any machinations and conspiracies. So, the root was grown and flourish from the classrooms. In the initial stage of the technological era, it is essential to introduce computer and digital devices among children.so such activities are included in the textbooks. Main care is given to handling the mouse, uses of different keys, etc. this should change in the present age because all children were born in the midst of technologies and digital devices. They have the inborn ability to use any devices than older generation. To give support and chance to utilize the technological devices is the only thing that need. To integrate technology doesn't mean there get another subject for rote learning. Bruce Lee said "Practice makes perfect. After a long time of practicing, our work will become natural, skillful, swift and steady".

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