

Modern Techniques of English Language Learning using Education 4.0

V. Srivani, A. Hariharasudan

Abstract: English Language learning is an important one in this globalised world. The objective of this paper is to review the articles related to English Language Learning using Education 4.0. The authors have used a scoping review method for analysing previous studies. This review result declares the gaps in the research, and it also emphasises the future scope for further research.

Keywords — Education 4.0, English Language Learning, Globalization.

I. INTRODUCTION

Though English is not the most spoken language, most of the international communications around the world are conducted only in English, 53 countries accept English as an official language, and 400 million people across the globe use English in their day-to-day life. English is the Language of Business, almost all the business sectors use English as a business language, and it necessary to the job seekers to communicate in English for the survival in global business hub. It is evident from the previous findings in the transfrontier business communication is most frequently conducted in English.

Acquisition of English language lets us broaden our world, it creates opportunities to get the jobs easier and bridges the relationship with different people around the world. The previous researches reveal that quiet 1/4 of the world's population communicate in English, it denotes that about 1.6 billion comprehend and communicate with the aid of English language. Knowing English is vital because most of the things on the internet is in English. Acquisition of English will allow us to access billions of pages of information, which may not be otherwise possible.

Education 4.0 is essential in this digital era like English language acquisition in the globalization both of them enhance the level of knowledge acquisition. The rapid growth of science and technology in the era of Industrial Revolution 4.0 has tremendous impacts on human life one of them in the field of education, and digital technology causes a shift on the education system especially English education, since the ability to communicate in foreign languages is an integral part of the technology utilization. In this case, English teachers have particular roles which can determine the success of language education, with new literacies, including technological literacy [1] This Education 4.0 provides many benefits and conveniences for human beings;

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this provides quite complex challenges for English education practitioners. Besides this revolution, it also bears implications towards the world of education, especially in language learning [1].

II. IMPORTANCE OF ENGLISH LANGUAGE LEARNING

English is not merely a language, but it is lingua franca of most of the nations. Each country, each area, every community has a different language of their own, but many countries use English as a second language that is learnt after mother tongue. English is a basic dialect for all sorts of proficient and individual objectives.

English is also more expedient language in the digital world, and on the internet both are inseparable. Whereas comparing with other dialects, English stands on the beat. The usage of English (25.3%) is preferably more than Chinese (19.4%) users [2] throughout the world 67 countries have English as their official language, and 27 countries are using English.

English learning increases the chances of getting an excellent job in intercontinental companies or for finding work abroad. It is also the language of global communication. So learning English is essential for socialising and entertainment as well as work. Learning English and its importance in globalisation can be challenging and time-consuming, but it is applied linguistics in the future perspective of the globe. We can see that it will be in prized possessions to learn and can create many opportunities.

English is increasingly being taught as a foreign language, as this English language makes the point the centre of gravity as a global language is shifting for the globalization. In the interplay of language and cultures and their behaviour, particularly the communicative behaviour is seen in the territory of applied semantics.

Anything the reasons for the prior spread of English, we ought to presently consider learning it utilizing Education 4.0, which is affected by the Mechanical Insurgency 4.0.

III. ORIGIN AND IMPORTANCE OF EDUCATION 4.0

A. Education 1.0

In antiquated center ages, Instruction was restricted to a couple of understudies, and there were exceptionally few education rates found in formal strategies of instruction, which were steadily created in afterwards centuries. Education 1.0 gradually converted in higher education that resulted in the formation of universities.

B. Education 2.0

The development of the printing press within the mid-15th century totally metamorphosed the instruction division and made a difference in expanding education levels and empowered the quick transmission of thoughts through books. The socio-economic propels in this period driven to Education 2.0, which took numerous a long time in spreading from Education 1.0.

C. Education 3.0

In expanding the selection of modern innovations, the plausibility of learning on gadgets, and Degree of Education 2.0 to Education 3.0 took a few of decades, and we are able to discover a critical increment in enrolments due to an increment within the availability of higher instruction.

D. Education 4.0

Concurring to the study by McGraw-Hill Instruction, 62% of understudies achieving higher instruction within the US concurred that innovation makes a difference them in a way better in their arrangement. There have been changes from address corridor to modern instruments of advances in educating with online learning openings. As the segment is moving towards the democratization of substance with a wide utilization of more openings for self-study programs, Education 4.0 makes the learner at the middle and approves them to structure their ways keeping the result in mind. Education 4.0 individualizes the learning handle, where the learner has their adaptability within the learning way and has the flexibility to rise for the approach of individual objectives. Here the learner will continuously be at the middle of the instruction by learning from different sources of learning like peers, industry, innovation, and society. A learner can accomplish experiential learning independently with reasonable options that can be redone by their flexible timings.

IV. METHODOLOGY

The present research embraces a scoping survey, which is not a ordered procedure instead it could be a back-and-forth between past considers and unused bits of knowledge and changes in look terms and indeed questions [2]. The reason for the scoping review is to dissect all ponders accessible on the subject without any confinements on ponders resourced. Considering this approach, ponder has dissected and looked into the sorts of writing related to English Dialect learning utilizing Education 4.0.

According to [3], the engineering students of southern Tamil Nadu are facing drawbacks in English language learning and explaining the consequences of neglecting the development of their English proficiency in the carrier building. Their priority to develop English skills will be improved along with technical subjects, for career progression [3].

In the study of Serhat Akyuza and Fatih Yavuza reveals how technology usage can be affected by several factors, wherein the teaching process, the perceptions of teachers and learners have great value in technology. Where the teachers have to be trained in instructing learners old computers cannot be that perfect to use technology in teaching computers are advanced substantially. In recent years

modern electronic gadgets have made learning effective. Likewise, web-oriented online classes are efficient teaching tools in classrooms. Web quests have a positive impact on the learner in the acquisition of vocabulary and reading skills in spite of the negative impression of learning grammar. Finally, it is concluded that technology must be regarded as an flexible aid and implemented to traditional courses to make it more effective and up-to-date [4].

According to Mino Aemi, Technology has always played a key role in general and English for Specific Purpose (ESP). In this study, it is seen that dialect learning and innovation has gotten to be exceptionally different these days and to investigate how progressed present-day advances are utilized to bolster the method of English dialect — educating and learning in instruction how LSRW skills are required to assess our abilities to achieve our objective in dialect learning. Finally for English as active foreign language specific purpose we need digital and electronic literacy skills to connect internationally and also become independent tools in language instructions and how technology can be applied in various forms of depending and enhancing language skills of learning. Consequently, the present study provides new insights into the use of technology in the EFL/ESL [5].

In the study of two generations in Europe, there is still very diverse in everyday communication, but Europe's citizens, as well as communication in spheres of business and politics, is inevitably hampered. European Union spent about billions of Euros in maintaining multi-lingulism. So as language technology builds bridges, the traditional way of overcoming the language barrier is to learn foreign languages. However the individual rapidly reaches the limit of school approach when faced with the 23 official languages of EU and 60 other languages, they found the other means to overcome the hurdles for the people of Europe and its economy. Europe wide-scale of the problem a strategic approach is called for the solution is to build critical enabling language technology.

It is estimated that one-third of the world's population is influenced by English language. The technology-assisted teaching and learning tools build the best bridges to Europe's language, the assessment detailed in this report reveals that although English based systems are generally at the cutting edge of current research. Meta net language term goal is to produce high-quality language technology; Meta net is neutral of excellence funded by the European Commission [6].

META (Multilingual Europe Tech Alliance) is a growing community of language technology professional in Europe. 3 Lines of action of Meta net

- a) Meta Vision
- b) Meta Share
- c) Meta Research

According to the study of the qualitative research by Andrew, the technology adopted teaching and learning plays in supporting kindergarten to grade 8 English classroom, identifying different teaching methods and strategies used. Usage of variety of teaching strategies support ell during the learning process, Andrade collected information from depth list review, and two interviews with experienced teachers of different grade were analyzed despite their experiences many similar

themes did average throughout both interviews of the following. A variety of teaching strategies and tools are used to learn, such as tablets, smart boards. Some benefits of using technology with ELL include the independence and language skills of learners. Lack of teacher's familiarity with the teaching techniques, both students and teachers are facing the same challenges while using in the classroom and off-task behaviour in student engagement. So parents and teachers have a positive perception of the use of technology in the classroom [7].

The study of Thavabalan, Hariharasudan and Mohan analyses the need for Business English Communication for the garments industries in Tripur. After a systematic analysis among the garment industries by the survey from 150 business people, the study reveals that the impact of Business English on business development is seen. The need of business English communication is high for running a thriving garments industry; they all do their business communications in English only while they export goods to other countries they also stated that in the age of globalization language has become increasingly focused on the needs of global markets. The study reported the impact of LSRW in business English communication, which leads to development.

In results the variables like LSRW are the outputs where they found a high impact on business, the last variable writing has the impact, where little more concentration needed for their better business developments as many international transactions are communicated in written mode only [8].

According to the previous study special focused on the specific development of teaching competencies for pursuing in-service EFL teachers in preschool, which is essential for the professionalism of teaching were teaching English as a foreign language in primary school. The ability to use different teaching and learning strategies is to make language acquisition authentic and meaningful. To achieve this specialization in the use of design competencies is needed and this must be part of a professional profile for both in service and trainee teachers.

It is essential for them to be aware of the many existing design models, developed both from educational research and practical knowledge acquired over the years in of multiple teaching methods, in which the teacher acts as a guide who helps learners explore new cognitive situation these are the aspects of good teaching. However, for teaching approaches plays a vital role to improve the quality of effectiveness of the school curriculum based on the learning outcomes achieved by pupils.

David Crystal has found that English as a global language because it is used in the historical context, the cultural foundation political developments access to knowledge in international relations, in the media, the press, advertising, cinema, popular music, travel and safety education, communications, etc. Hence it assures that English as a world language [9].

The study of Eva Zikomundova determines English as a lingua franca, and it is evident from the historical background as a universal tool of communication, its linguistic features and its impact on particular areas of society. English as lingua franca is prevalent in today's

globalized world and affects large parts of society, which made the author personally to encounter English as lingua franca in her everyday work environment that triggered the authors' interest and done her to explore the phenomenon further. In this thesis another described the process of English spreading around the globe as a foundation for a global lingua franca, and also it contains author's empirical research of English as lingua franca phenomena in university students.

The results have shown that students are aware of ELF; however, do not recognise English as a lingua franca. This discovery confirmed the fact that nowadays mastered by a higher number of non-native speakers rather than native. Nowadays, students use English more in contact with non-native speakers, they purposely focused on using English strictly among non-native, but they use English contacts in the meanest nativeness [10].

In the study of Gary, it is found that peer to peer networks exist for a long while now people use them daily like in, Bit torrent Skype, What Sapp and many more. Here the creator needs to display the reasons for the moo ubiquity of the remote P2P communications among shoppers, analyzes them and presents conceivable required enhancements in remote transmitter without visiting the internet where P2P versus the vast dominance of the internet the ignorance of the existence of wireless P2P technologies and distance that a node may contact a single node at time. It should not be ignored the existing wireless technologies, Wi-Fi, LTE but analyse those and provide different suggestions that will allow P2P communications to become a meaningful framework, using the internet. It also describes how to utilise wireless broadcasts and instead of P2P, focus on P2C, also explored the security problems that evolve in wireless P2P and provide possible solutions.

Finally, it believed that technology should collaborate in order to solve practical problems better, faster and efficiently [11].

V. CONCLUSION

Based on the detail review, it is come to know that advancing Education 4.0 in English dialect learning for survival is one of the incredible ways to take after the advancement of instruction. It can be subjectively concluded that Education 4.0 has been actualized in numerous subjects and distinctive locales around the world. Most of these cases have accomplished positive comes about. In terms of English language learning, utilizing Education 4.0 gives ample oppurtunities to learn language effectively in different places.

Up to our knowledge and literature review, this sort of study has not been taken place at Hyderabad till date. So this review study clearly identifies the gaps in research in this region. The future researcher or our future study will spin around to assess this impact.

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