

STUDENTS' PRONUNCIATION IMPROVEMENT BY COMPUTER ASSISTED PRONUNCIATION TEACHING (CAPT)

Kadek Heni Oktarina Wisudayanti¹, Putu Desi Anggerina Hikmaharyanti²

English Education Department¹
STKIP Agama Hindu, Singaraja
Bali, Indonesia

English Department, Faculty of Foreign Languages²
Universitas Mahasaraswati Denpasar
Bali, Indonesia

heni@stkipahsingaraja.ac.id¹, putudesi812@unmas.ac.id²

Abstract

Pronunciation is one of the most important aspects of English, especially in English lessons. Innovative pronunciation instruction helps students understand and avoid conversational mistakes. Teaching pronunciation can be applied by simple methods, one of them is using Computer Assisted Pronunciation Teaching (CAPT) as the creative and innovative software. This research is focused on 1) the describing the implementation of students' pronunciation by Computer Assisted Pronunciation (CAPT), 2) identifying whether Computer Assisted Pronunciation (CAPT) improve student's pronunciation. The method applied in this research is descriptive qualitative in nature and the data are from the English students in the Buleleng Regency. The subjects of this research are 40 English students in the Buleleng Regency. The students received an eight-week pronunciation instruction, in which the students were presented model utterances and corresponding pitch contours of target word and then practiced pronunciation of target words with computer assisted pronunciation software. The results of the research showed that the students had a significant level of progress effectively and the exercises of the software were helpful for them. The goal is to help students manage their own good pronunciation. This should be trained and practiced not only in the classroom, but also in everyday life to avoid misunderstandings when they speak with either natives or others.

Keywords – *Pronunciation, Teaching Pronunciation, Computer Assisted Pronunciation (CAPT)*

Introduction

Pronunciation is the act or technique of announcing a word; speech utterance. In different words, it's far a manner of talking a language, in particular one this is accepted or typically understood. In phrases of pronunciation, it method the technology and reception of spoken sounds, and the success of which means (Kristina, Diah et al. 2006). It contains some vital pronunciation keys which includes movement, speaker, sound technology, recording, and many others. Which means that the mentioned word needs to be understandable. According to the Oxford superior Learner's English Dictionary (1998), pronunciation is a language or a way of speaking a particular phrase or sound. This definition contains the following clear data: Pronunciation is a way to create something. The made of this movement is language or words or sounds. From the above definition, it can be conclude that pronunciation is a specific way of speaking an usual or normally understood word or word. Pronunciation performs an important position in English instructions. Otherwise, the teacher wishes to be a good position model for the student in pronunciation. The students imitate bad pronunciation and make errors. Teachers need to provide students with correct sound and speech technology as a way to certainly recognize how to produce the accurate pronunciation. Inside the first degrees of language

studying, it is right to have the right foundation for the language itself. According to Burns and Claire (2003), clean pronunciation is vital in spoken verbal exchange. Even wherein newcomers produce minor 10 inaccuracies in vocabulary and grammar, they're more likely to speak correctly after they have good pronunciation and intonation. Pronunciation is described because the manner wherein a language is spoken (Hornby, 1995). Dalton (1998) defines pronunciation because the manufacturing of massive sound in senses. First, sound is massive due to the fact its miles used as a part of a code of a specific language. Second, sound is essential due to the fact it used to create meaning within the context of use. From the definition, it can be concluded that pronunciation is a way of playing a language so that scholars can analyse meaningfully. Pronunciation is one of the most essential parts of English for speaking with others. As Harmer (2000) mentioned, elevating attention of pronunciation problems isn't most effective for their very own manufacturing, however additionally for their very own information of spoken English, for all these people. it will be a massive earnings. in line with Millington (2011), pronunciation performs a very essential role in language gaining knowledge of. In spite of the appropriate use of grammar and vocabulary, if factors inclusive of vowels and consonants, intonation, connections, rhythms, and pressure aren't correctly reproduced, it cannot be understood that the intended message could be brought. in line with

Lambacher (1999), the CAPT system makes use of tools to analyse the amplitude, intonation, duration, and frequency of a pupil's audio output and show the consequences in a spectroscopic display. The extent of element of this kind of remarks may be very high, but the effectiveness of these structures is likewise questionable. Media, cellular telephones, and computer applications are an increasing number of being used in pronunciation classes as equipment to sell English pronunciation (Haslam, 2010). Advances in language research, improved computer skills, and decreased computer fees are rapidly growing the quantity of applications available to both instructors and individual newcomers. on this sense, of the maximum not unusual packages of speech technology, automatic speech recognition and speech synthesis, represent the basic techniques for boosting pronunciation training applications (Busa, 2008). From this we will finish that it's miles more beneficial for teachers to teach pronunciation.

Methods

In this occasion, the method applied in this studies is descriptive qualitative in nature and the facts are from the forty English students in the Buleleng Regency. The members received an eight-week pronunciation guidance, in which the individuals have been presented model utterances and corresponding pitch contours of goal sentences and then practiced pronunciation of target sentences with computer assisted pronunciation training software program. Most of the members had got right of entry to computer and or had their personal laptop and nearly all of them use it every day. In this take a look at, most of the individuals had sufficient skill ability in using laptop. This helped researchers to recognition more on a way to use CAPT software program than how to use pc. The individuals also asked approximately their previous stories of using computer for language studying. After instruction by means of the teacher, they laboured with the software and practiced related physical activities. Similarly, they had get admission to their instructor in those eight weeks and acquired feedbacks whenever wished. In each consultation, the teacher checked learners development and solve their problem with the software program.

Finding and Discussion

According to Harmer (2007) states that focusing on sounds, showing in which they may be made in the mouth, making college students aware of where phrases have to be harassed- all matters supply them more statistics approximately spoken English and help them obtain the aim of advanced comprehension and intelligibility. From explanation above, it may be concluded that teaching pronunciation is coaching approximately aspects that have an effect on meanings of sentences via segmental phonemes. It's far crucial to train, because pronunciation is a primary sub talent in speaking. Therefore, accurate pronunciation avoids false impression in communication. as an instance, when humans say, “soap” in a situation inclusive of a restaurant wherein they ought to have said “soup,” the wrong manufacturing of a phoneme can cause misunderstand. In end, teaching pronunciation innovatively will lead the beginners understand and keep away from the mistake in conversation. CAPT systems which can be to be had available on the market provide information on how speech sounds must be articulated or give an explanation for how the speech organs need to be located for the target sound. In spite of supplying newbies with visible cues, these systems are remarkably restricted. They most effective teach receptive skills and do not motivate the pupil to supply an utterance, whilst it is well known that talking is critical for enhancing pronunciation.

The Procedures of Teaching Pronunciation Using Computer Assisted Pronunciation Teaching (CAPT)

1. At the Language Lab. ,teacher opens the application software of Computer Assisted Pronunciation Teaching (CAPT) and give brief explanation about it
2. Student follows the instruction by the teacher about the use of this application
3. Student tries pronounce the word that appear in this software
4. Teacher gives score for students

How to use the application software of Computer Assisted Pronunciation Teaching (CAPT):

1. Firstly, Click Lesson

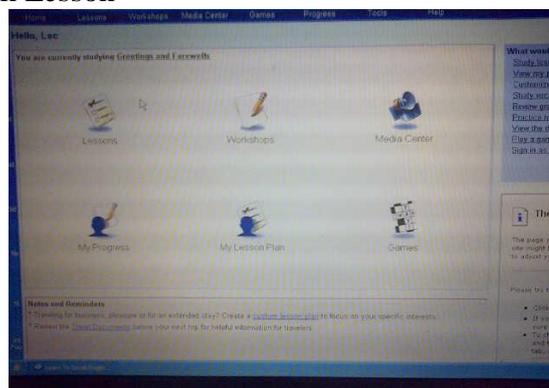


Figure 1.1

2. Click Language Essential: about the topic will be learned, for example: greeting and farewells, changing money, public transportation, pronunciation, etc.

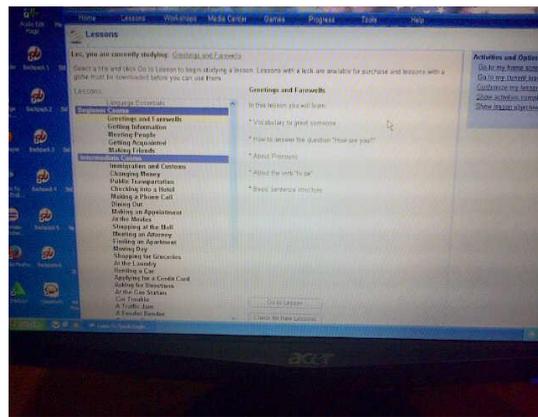


Figure 1.2

3. Choose the word that pronounce: about the basic pronunciation, for example ABC', Vowel, Vowel Combination, Consonants Combination

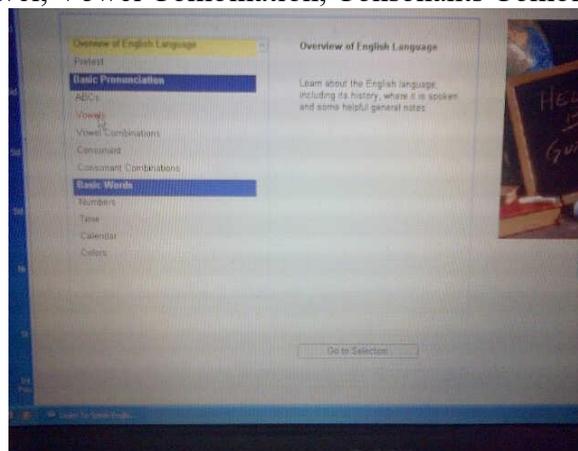


Figure 1.3

4. Then, there appear the word list that will be pronounced
5. Select the word and click the audio to hear the examples
6. Click Play to hear and see how the sound is produced
7. Click Record to practice the sound and accompany yourself to a native speaker
8. Finally, Play it to hear your pronunciation. It will be appear how your pronunciation

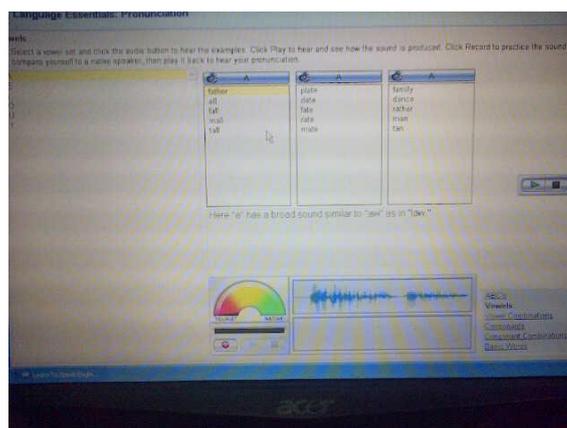


Figure 1.4

As noted before, the purpose of the observe became no longer to update the software with the study room practise, but it was to integrate this software program into the natural process of study room training. It manner that instructors except teaching pronunciation with traditional methods of pronunciation teaching use pc software in the process of classroom. So, at the beginning of every session the trainer taught an creation of what are known as prosodic features of pronunciation, pressure, rhythm and intonation to the contributors, and after that they worked the sports supplied within the software program. The teacher taught those factors based at the order and sequences of the software program. This simultaneous manner of teaching both through the trainer and the software program helped learners to verify what they learnt by the instructor. This simultaneous teaching each by means of instructor and with the aid of the software helped newcomers to analyse suprasegmental functions greater correctly. This additionally helped to avoid the omission of instructor roles in the technique study room and reap better outcomes. at some stage in this assignment teacher no longer only taught required substances to the inexperienced persons, also gave freshmen effective feedbacks on their performance and taught them to paintings with the software program and complete the sporting events. This pursuit of instructor helped novices to maintain and keep their motivation at some stage in the route. As stated earlier than the software program has the capability to generate file on learner performance. The very last assessment of inexperienced persons' performances turned into based on scores obtained from the software program. Consequences of the look at members' performances have been analysed based on their rankings obtained at stop of the course. After coaching each unit by the teacher, newcomers laboured with the software program and practiced related physical games.

In the software program, first the teacher via video introduces the devices. Then units are damaged executed into 5 topics. After completing each workout, the software generate a document of learner performance which shown in percentage (%). getting ready very last file of learner overall performance is another gain of this software program, which no longer simplest facilitates instructors in knowing the complete overall performance of newcomers, and in every session, however also makes it smooth for researchers to analyse the overall performance of newcomers. The analysis of beginners performances have been based on their rankings obtained at the give up of the route. The power of coaching pronunciation using Computer Assisted Pronunciation Teaching (CAPT) software program for enhancing English newbies' pronunciation had been investigated by some of researchers (Neri, Strik & Boves 2002; Butler-Pascoe & Wiburg, 2003; Kim, 2006). The students were supplied through the untiring paintings of the computer with limitless possibilities to review any a part of the materials and get further help supplied by the machine. computer assisted pronunciation schooling software helps students in choosing what feature to appoint and the way often they put it to use and also it helps them to study unbiased. but, deploying CAPT language teachers also gain from software program in their pronunciation lessons on the grounds that it may deliver college students drilling exercise, which language instructors' view as monotonous and time-wasting. Ultimately, Computer Assisted Pronunciation Teaching (CAPT) schooling structures gift an interactive gaining knowledge of context in number modes: whole elegance, small institution or pair, and trainer to pupil (Pennington, 1999). The weaknesses of teaching pronunciation using laptop Assisted Pronunciation coaching (CAPT) are if there isn't always language lab in the faculty, of direction did now not use of Computer Assisted Pronunciation Teaching (CAPT) and if there are a few pupil that can't use this software, because may be they feel difficult to apply this application.

Conclusions

In the teaching English, pronunciation performs critical function. The pronunciation instructor ought to be an awesome version to the scholars, in any other case; the students will imitate horrific pronunciation and lead making mistakes. The teacher ought to produce the correct sounds and their productions of speech to the students with the intention to make the scholars simply apprehend about how correct pronunciation is produced. Inside the primary stage of language gaining knowledge of, it is ideal to plant a correct basis of the language itself. CAPT structures make use of equipment that carry out analyses of amplitude, intonation, period and frequency of the student's speech and display the outcomes on a spectrographic show. In end, innovative and innovative coaching pronunciation may be implemented by way of easy method. The goal is only to make students care about their precise pronunciation. It needs drilling and practising no longer only at magnificence but additionally at their home to avoid misunderstanding on every occasion they communicate with either natives or others.

Bibliography

- Busa, M. (2008). *New Perspectives in Teaching Pronunciation*. Retrieved on Monday, January 20th 2021-17.16 from <http://etabeta.univ.trieste.it/dspace/bitstream/10077-2850>.
- Dalton, E. 1998. *Teaching Pronunciation*. London: Longman Group Ltd.
- Harmer, J. 2000. *The Practice of English language Teaching*. London: Longman Group Ltd.
- _____. 2007. *The Practice of English language Teaching*. 2nd edition. London: Longman Group Ltd.
- Haslam, N. (2010). *The Relationship of Three L2 Learning Factors with Pronunciation Proficiency: Language Aptitude, Strategy Use, and Learning Context*. Unpublished master's thesis. Brigham Young University
- Hornby, A.S. 1995. *Oxford Advanced Learners Dictionary*. Oxford: Oxford University Press
- Lambacher, S. (1996). *Teaching English Pronunciation Using a Computer Visual Display*. Paper presented at the IATEFL 29th International Annual Conference, York, England, 1995. Retrieved on Monday, May 24th 2021 -17.16 from at: <http://www.uaizu.ac.jp/~steeve/york95.html>.
- Millington, Neil T. 2011. *Using Songs Effectively to Teach English to Young Learners*. Ritsumeikan Asia Pacific University, Japan Retrieved on Monday, May 24th 2021-17.16 http://camtesol.org/Download/LEiA_Vol2_Iss1_2011/LEiA_V2_I1_11_Neil_Millington_Using_Songs_Effectively_to_Teach_English_to_Young_Learners.pdf
- Neri, A., Cucchiarini, C., Strik, H. & Boves, L. (2002). *The pedagogy-technology interface in computer assisted pronunciation training*. *Computer Assisted Language Learning* 15:441-467. 14
- Neri, A., Cucchiarini, C., Strik, H. (2006). *Selecting segmental errors in L2 Dutch for optimal pronunciation training*. *IRAL* 44:357-404.
- Oxford-American Word Power Dictionary. 1998. Oxford: Oxford University Press