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Advancement of English Language Education Through Digital Platforms

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ABSTRACT

Teaching and learning English has been greatly impacted by the rise of technology, which is now an integral aspect of contemporary education. Modern language learning apps, multimedia materials, internet platforms, and communication technology have revolutionized conventional teaching techniques, making them more dynamic and successful than ever before. Learners' ability to read, write, listen, and speak English is the focus of this research on the use of technology in this area. Personalized learning, increased student engagement, and access to a broad choice of genuine learning resources are all made possible by technology, which is highlighted in the article. Also included are digital media, voice recognition technologies, online courses, and mobile apps that help with language learning and comprehension. The paper goes on to talk about how using technology in ESL classrooms is beneficial. Learners are more motivated, more likely to study on their own, and more proficient in the target language when technology is used. Training, infrastructure, and student and teacher awareness are all necessary for successful implementation. Properly using technology in ESL classrooms has the potential to provide students with more engaging, adaptable, and substantive learning opportunities.

Keywords: *Technology, YouTube, Digital, Online, Tools.*

I. INTRODUCTION

Innovations in technology are permeating every facet of human existence. Technology has become an integral part of most people's daily lives due to the time and effort it saves. Therefore, this section of my research paper will focus on the modern technology that is a part of education and how it affects the process of learning English. Specifically, it will discuss how these tools help with learning in schools and how involved both instructors and students are. Educational English language instruction as it has evolved in response to new technological developments is the primary topic of this essay.

Technology affects every part of life in today's linked world. It is an important element of growing up, and it also helps with social and language change. Globalization is mostly about technology and how it affects our life at work, at school, and in other areas. This is especially true right now, when new technologies are changing our world at an unprecedented pace. So, it's really important to employ modern tools to teach English well.

People should know about the possible advantages of using technology in ESL education. Technology has changed everything in the world of ELT. It has made things harder and added new responsibilities for teachers, but it has also offered up new ways to make ELT more interesting, innovative, and useful. One of the biggest issues that technology has caused in ELT is that teachers have to continually keep up with



National Conference on Sustainable Developments in Engineering,
Science, Humanities and Management (NCSDESHM – 2025)
28th December, 2025, Raipur, Chhattisgarh, India.

current trends. Teachers need to be able to change how they teach in order to keep up with the always changing world of technology. This might be a challenge and an opportunity to learn something new in order to keep ELT fresh and useful.

The study's learning goals or instructional objectives are based on technology, which is a way of doing something, a method, or a body of knowledge. When technology is employed in the classroom, English students want to do better in the topic. Technology not only works well with more conventional ways of teaching, but it also allows students a lot of new ways to learn and gives teachers access to a lot of information and resources. Cutter goes on to add that using technology makes more people want to participate. Students are more interested in learning when they use computers and other modern tools than when they work with textbooks. Technology helps teachers tailor lessons to each student's needs by cutting down on distractions for students. Students may also utilize their own technological devices at home to learn more. Technology has been very important in classrooms throughout history. It has helped teachers prepare their students better for success in the classroom.

Since technology is so common in our lives, it's important to rethink the notion of using it in courses and finding methods to utilize it to help students learn better. By using technology, teachers may improve their abilities and have a lot of different ways to teach English. Playing English-language movies or music that are connected to the content is one way to help pupils learn it better and faster. Using new generation technology gives kids a natural way to be independent learners, a way to find their own identity, new ways to utilize language, and a reason to come up with new ways for teachers and students to work together and communicate.

Technology is very important for getting students involved and has a big effect on how teachers teach. If teachers don't employ technology in the classroom, they risk falling behind in this fast-paced topic. So, teachers need to know a lot about how to utilize these digital tools in order to teach language skills well. According to the study, students are more involved and pay more attention when they use technology to learn a language since it lets them practice more realistic ways of communicating. Using multimedia in the classroom helps students learn and helps teachers adjust to new responsibilities.

Online language study programs, cutting-edge presentation tools, dictionaries, chat capabilities, emails, and computer-assisted language learning programs are just few of the many technological resources that may help English students a lot. A case study methodology was used to examine the utilization of technology tools by a cohort of school-aged English language learners. The usage of technology has changed a lot how people teach English as a second language. It opens up a lot of intriguing and beneficial possibilities for the future of education. Using modern technology in the classroom helps students learn more about grammar and vocabulary.

Using modern tech tools like smart boards, computers, and display screens also helps pupils absorb language better. Students may gather information and utilize a range of tools to analyze and understand language in diverse situations with the use of smart boards, computers, and display displays. Using technology makes students more interested in and driven to learn. When instructors integrate technology in the classroom, students learn more and remember more of what they learn. Using computers and the internet allows learners to take part in more meaningful and useful learning activities.



National Conference on Sustainable Developments in Engineering,
Science, Humanities and Management (NCSDESHM – 2025)

28th December, 2025, Raipur, Chhattisgarh, India.

Using technology may help students improve their critical thinking and other higher-level cognitive skills. By integrating conventional teaching techniques with technology, students may get a better and more realistic education. Learning English should be their main focus. Language classrooms become exciting and interesting places where students are engaged in important tasks when modern technology is used in them.

II. REVIEW OF LITERATURE

Rintaningrum, Ratna. (2023) The purpose of this article is to present the numerous benefits, as well as the possible downsides and remedies, of using technology into ESL classrooms. This study examines the pros and cons of introducing technology into English language classes in Indonesia. In addition, the paper discusses the challenges that need to be addressed before technology may be effectively integrated into language learning. A data collection tool is the interview. This study use qualitative analysis to learn more about the pros, cons, and experiences of using technology for language learning. This study involves seven individuals. According to the research, there are several benefits to using technology in ESL classrooms. For example, students can practice coding, take tests and quizzes online, improve their speed of response and overall English test scores, learn a second language, work together to solve problems, work independently to find solutions, practice all four skills (reading, writing, speaking, and listening) in English, learn new computer programs, get the most out of their time in class, and much more. Some of the challenges in integrating technology include the kind of technology used, the rate at which technology is growing, the quantity of courses taught, the size of the classes, the expense, the time, the age of the lecturers, their workload, and the accessibility and usability of the technology.

Khansir, Ali et al., (2021) Learning techniques have always been a major focus for researchers, educators, and those responsible for creating English language curricula. Teaching and learning English as a foreign language (EFL) relies heavily on effective learning methodologies and the English language. The methods of instruction and the state of EFL education in Iran are the topics of this article. The researchers in this study set out to document the strategies used by twenty Iranian graduate-level English language learners in their assignments. The subjects of the research paper were Persian-speaking Master of Arts students from Persian Gulf University in Bushehr. This research included two sets of questions. Topics, gender, age, language, and attitude were among the many items covered in the initial round of background questions. The second test was the Willing (1994) study's learning strategies questionnaire, which was administered during the first exam. This test consisted of 29 questions. The results of this study demonstrated that students' individual learning methods significantly impact their level of English proficiency.

Jovanovska, Sashka. (2019) Since picking up a new language may be difficult in and of itself, it is little wonder that teaching it can be just as difficult. There are a lot of things you need to know if you want to teach English to someone who doesn't speak it before, including the basics of the language, how people learn a new language, and how to motivate students when they're struggling. This post delves into the essentials of starting, including analyzing the goals of potential students, using their existing language and cultural knowledge, and helping them start the journey towards English fluency.



National Conference on Sustainable Developments in Engineering,
Science, Humanities and Management (NCSDESHM – 2025)
28th December, 2025, Raipur, Chhattisgarh, India.

Ullah, Sifat & Yesmin, Quazi. (2018) There are ways to get beyond geographical and financial barriers to education with the use of the internet, computers, multimedia, and cell phones. The purpose of this study is to investigate the use of technology in Secondary School Certificate (SSC) English classes in Bangladesh. Also covered is the impact of technology on ESL classrooms. Eight teachers and sixty students from four private schools in Dhaka participated in a survey on the integration of technology into English language classes. Researchers used mixed methods research to collect data for the study. This includes administering two sets of questionnaires to both students and instructors, in addition to conducting a semi-structured interview with teachers separately. The findings showed that using technology in the classroom isn't without its pros and cons. Although teachers are enthusiastic about using technology into their lessons, they face challenges such as limited time, inadequate support from administrators, and an absence of proper training. Students also feel comfortable in technology-based classes, albeit they may have trouble understanding the content at times due to teachers' overbearing participation.

Rajan, Abilasha & Ilankumaran, M. (2018) English, one of the world's most spoken languages, is frequently called a "global language." Because of its status as the de jure language of the modern era, it is studied and taught as a second language on an international scale. English serves as a bridge language for cooperation inside and between states in India, because to the country's rich ethnic and linguistic diversity. Modern technology may have started to make a big splash in language classrooms, especially in smaller cities and rural areas, but it is still far from adequate and hasn't made much of an impact. English language learners in K-12 and higher education might ace exams without really grasping the material or coming to value the language for what it can do. This article stresses the significance of English proficiency in order to fulfill the challenging and competitive demands of today's corporate environment. This research delves into the difficulties and potential solutions encountered by contemporary ELT instructors. In order for pupils to become fluent in the language, the focus is on how they may use what they have learned in real-life scenarios to fulfill their practical demands.

P., Santhosh & Meenakshi, K. (2015) In "Teaching of English through technology: Some perspectives," the authors set out to see whether they could find any factors that may be useful when teaching English through the medium of Android applications and video games. It is essential to approach language learning from a pedagogical perspective. We employ innovations to attain our aims. Using the right methods, ESL classes may be much easier than they now are. Students are more engaged and make more progress in their language learning when they use video games and Android applications to teach English. This article provides a comprehensive overview of the challenges that teachers of languages face, as well as practical suggestions for overcoming them. It lists all the good things of teaching English with Android apps and games.

Anandan, Anne. (2014) Keeping up with and adapting to changes in technology, whether at work or at home, may be difficult. There is a growing dependence on instructional technology (IT) in both online learning environments and traditional classroom education. Having tools to train and encourage faculty members on the best ways to utilize technology is increasingly vital. Beyond only showing students how to use the program, these materials should help educators understand the potential far-reaching effects of



National Conference on Sustainable Developments in Engineering,
Science, Humanities and Management (NCSDESHM – 2025)

28th December, 2025, Raipur, Chhattisgarh, India.

these technological advancements on their students' education. The role of instructors in technological advancements is especially crucial since the incorporation of technology into the classroom has the potential to benefit both the instructor and the pupils. The use of technological tools in the classroom has the potential to help teachers learn more effectively and with less effort. This research aims to analyze the necessity of technology in language education while also showing the different ways educators may use technology in the classroom. The difficulties of implementing these technologies are also highlighted.

III. TECHNOLOGY IN ENGLISH LANGUAGE LEARNING

The days of boring textbooks and strict language classes are long gone! But students relied heavily on grammar books, the absence of audio materials, and their physical attendance in class. They worked well when they were utilized, but they were slow, rigid, and only available in one spot. The internet has made it possible for students to access courses, exercises, and native speakers from all over the globe in real time. Modern technologies have made learning English easy and tailored to each individual by adding interactive apps and virtual professors.

Even online assignment helps sites that were meant for schoolwork helped pupils learn other languages and become better at them. These resources may help students learn how to write good essays, reports, and research papers. By looking at these examples, students may work on their grammar, vocabulary, and other writing skills and become better at academic writing. Students utilized AI-powered chatbots to work on their public speaking skills, podcasts to listen to, and sophisticated editing tools to write. Because technology is always developing, it will always be one of our best friends. It makes it easier for everyone to enjoy, study, and talk in English at a speed that works for them.

Key Technologies to Enhance English Language Understanding

The rapid growth of technology has led to a lot of new tools that might help people learn English. They can help you teach reading, writing, speaking, and listening in a fun, individualized, and stress-free method.

1. Language Learning Apps

Let's look at some of the more popular apps that have revolutionized how English is being learned. Let's look at Duolingo, Babbel, and Memrise. The fun of their approach lies in their gamification. They provide small chunks of learning that include grammar, pronunciation, and vocabulary. The students get to choose their own pace, track their own progress, and even compete with each other in a fun way.

2. AI-Powered Tools

Due to the advent of AI, learning new languages is more dynamic and exciting than ever before. Both ChatGPT and Grammarly give instant comments on sentence structure and grammar. Both may gain some conversational experience with mock conversations, learn to ask for clarification quickly, and write ideas. To assist students with various tasks alongside their homework, online class support services use AI and coaching professionals. As a result, they may continue to engage with the content as they learn the language.



National Conference on Sustainable Developments in Engineering,
Science, Humanities and Management (NCSDESHM – 2025)

28th December, 2025, Raipur, Chhattisgarh, India.

3. Online Courses and MOOCs

Websites such as Coursera, Udemy, and edX offer hundreds of English language courses at various levels of expertise. Lessons, quizzes, exercises, and group assignments with your classmates are the major components of these courses. Questions such as "Could you please take my English class online for me?" have also resulted in such courses being created. These are ideal courses for kids with difficulty in managing their time effectively. It gives them the chance to complete their English course without the pressure of missing the deadline and at the same time exposes them indirectly to the course content.

4. Speech Recognition and Pronunciation Tools

Things need to be said in a clear manner. Google voice to Text, Elsa Speak, Rosetta Stone, etc., are voice recognition software that use advanced algorithms to recognize faces. These tools help students learn how to speak fluently. Immediate feedback is given to the student on how to speak fluently. It also makes the student sound more comfortable when they speak.

5. Interactive Media and Podcasts

English language movies and podcasts must be tuned in to. Websites such as TED Talks are excellent sources that may be used in increasing one's vocabulary and listening skills. These websites allow students to have an engaging and real-life learning experience with the use of interactive transcripts, subtitles, and message boards. Thus, students are able to build an enriched learning environment that is personalized according to their needs and schedules with their help.

IV. BENEFITS OF TECHNOLOGY IN ENGLISH LANGUAGE LEARNING

Using technology may substantially boost ESL students' intrinsic motivation. Gamified language learning apps (like Duolingo), VR simulations, and interactive language learning platforms are some examples of interactive tools that may make learning more enjoyable, improve the experience, and encourage learners to be self-sufficient and autonomous. Interactive whiteboards, multimedia materials, and online language learning groups may help students learn more actively by encouraging cultural exchange and cooperation. Thanks to new technology, language learning materials and classes are now available to students with a broad variety of needs and preferences at any time, from any place, and at any speed.

Technology has changed how language learners get and understand language lessons, and it has also made them more motivated and engaged. One of the best things about employing technology in ESL programs is that it lets teachers customize lessons to each student's needs and pace. Digital language learning materials also provide students access to a lot of information. All of these things make learning a language easier by offering students access to a wider range of interesting and readily accessible resources and letting them have greater control over their own learning. In the next portions, we will talk about how they make learning English more interesting and fun.

Individualized Learning and Self-Paced Progress

One of the nicest things about teaching English as a second language is that technology lets students study on their own and in a method that works best for them. Now, teachers may use technology to build lesson



National Conference on Sustainable Developments in Engineering,
Science, Humanities and Management (NCSDESHM – 2025)

28th December, 2025, Raipur, Chhattisgarh, India.

plans that fit each student's requirements and learning style. They may also provide each student feedback that is specific to what they need. Students may practice their language abilities in real life in a lot of different ways, such via online discussion boards, video conferencing software, and social media groups. These tools could also help students work collaboratively and remain engaged in what they're doing. This kind of tailored care might help youngsters become more engaged and accomplish better in school. Students may also study at their own speed, go over things that are challenging for them, and become better at understanding.

This type of ease could make students feel better about themselves, help them work quicker, and help them retain what they learned. With the help of online classes and mobile applications, students who are busy or can't get to a normal classroom can now study English whenever and wherever they choose. Language learning software may be helpful for students since it usually includes interactive tools and resources like vocabulary games, grammar exercises, and quizzes that provide them feedback right away. This may make learning a lot more fun and interesting. Digital storytelling and online communities may also assist students improve their literacy, creativity, and ability to speak the target language.

Benefits of Digital Language Learning Tools

Students and teachers alike can benefit from the increasing prevalence of digital tools used in language classrooms. Some examples of these are multimedia items, websites with a wealth of information, and software that facilitates learning. Some have speculated that digital technology may improve all four components of linguistic proficiency. Rosetta Stone and other mobile-assisted language learning (MALL) apps are a well-known example. To assist people learn languages outside of a traditional classroom setting, these apps make use of people's ubiquitous phones. Classrooms may be made more engaging by including multimedia resources such as audio recordings, video clips, and interactive simulations. These technologies allow teachers to accommodate to each student's particular learning style and encourage active participation.

The Internet is a treasure trove of authentic information, cultural references, and real-life language usage in the form of articles, podcasts, and videos. Online dictionaries, instructional websites, and language learning platforms fall under this category. Through Massive Open Online Courses (MOOCs) and video-sharing websites like YouTube, language learners may hone their skills and get insight into the culture of the language they choose to study. To hold students' attention and make learning more enjoyable and engaging, multimedia features such as movies, music, and interactive games may be a great asset. There is a wealth of evidence that demonstrates how incorporating technology into language learning improves instruction and student performance on proficiency exams. Through the use of online storytelling and collaborative writing tools, technology may also aid children in developing certain language skills, such as writing. Kids might be inspired and their imaginations can run wild with these resources.

Technology also allows students to instantly see their progress and areas for improvement. Language learning through technology also has the potential to inspire students to work harder in school and equip them with vital digital literacy skills. In today's world, these abilities are more important than ever. Teachers could be able to get more done if technological advancements made grading and providing



National Conference on Sustainable Developments in Engineering,
Science, Humanities and Management (NCSDESHM – 2025)
28th December, 2025, Raipur, Chhattisgarh, India.

feedback easier. Teachers will have more time to focus on engaging their pupils and improving their learning as a result.

V. ENGLISH LEARNING APPS

1. Quipper School

Quipper is a free online tool for teaching ESL (English as a Second Language) and getting students involved. Quipper is an online learning tool that is also known as "quipper school" on the web. Quipper is a web-based learning application that gives both teachers and students a virtual storage area where they may keep and share digital files including PowerPoint presentations, PDFs, photos, and videos. This tool can also help teachers maintain track of their students' progress without losing sight of time. Quipper is a web-based learning platform that lets teachers make lesson plans that include audio and visual features including text with pictures, videos, and other multimedia resources.

2. Acapela Group

The Acapela group app will be very helpful for English teachers who want to help their pupils get better at understanding and using what they hear. Teachers who put out acapella texts will be able to change the sounds to what we want. When teachers use Acapela to help children listen to and say words, it's easier for them to tell the difference between American and British English. Teachers can also choose the speaker's gender and accent when they use Acapela.

3. E-book

Students can improve their skills by using an e-book. Students can also read books while listening to music that goes with the story. On the site, teachers may even have their pupils write their own stories and make their own music. Booktrack isn't just for reading; it may also help pupils get better at writing. You may choose the speaker's accent and gender, and they can show you how to listen to and say words in both British and American English.

Electronic books allow students to enhance their reading and listening comprehension while also providing a platform for creative writing. For example, students can read books on BookTrack while listening to music that corresponds to the plot. Teachers can also give students the option to write their own stories and create their own music on BookTrack. You may find this software in the software Store or the Google Play Store.

4. Google Classroom

There is no doubt that Google Classroom is widely regarded as one of the most effective platforms available for enhancing the work flow of educators. This is due to the fact that it offers a multitude of features that are both helpful and efficient, which makes it a perfect tool for classroom instructors to use. The use of Google Classroom provides instructors with the ability to manage and generate assignments, as well as collect assignments from students that they have previously assigned. This is one of the advantages of utilizing Google Classroom. Additionally, instructors will be able to devote more time to the students and less time to the paperwork that has to be completed. There are a number of apps for



National Conference on Sustainable Developments in Engineering,
Science, Humanities and Management (NCSDESHM – 2025)

28th December, 2025, Raipur, Chhattisgarh, India.

English language learning that may be used by both instructors and students for the purpose of teaching and learning activities.

- **YouTube**

Videos of varying lengths may be seen on YouTube, which is a website or application. Every single one of us is able to use our personal computers (PC), laptops, and even mobile phones in order to get access to YouTube. When it comes to displaying the information for English language instructors, YouTube is often the platform of choice. YouTube videos may be used in English language instruction for a variety of purposes, including the enhancement of vocabulary, pronunciation, accents, and many other elements of the English language.

The instructor has the ability to choose a portion of the videos or show the students parts of the videos based on the requirements of the students individually. The instructors will utilize YouTube to choose a video or perhaps a few videos to use in the classroom. After that, they will ultimately ask the students to narrate by creating a video similar to the one that is seen on YouTube in order to develop their capacity to communicate verbally.

- **Twitter**

Twitter is a social networking application that has the potential to serve as a useful online education technology tool. Teachers have the ability to employ a dozen different activities to engage students in classroom activities by using an online education technology tool. A teacher may also use Twitter to teach English. For example, the instructor might ask the students to choose a word of the week and tweet it, along with a request for synonyms and antonyms of the word. This would, of course, help the students improve their vocabulary knowledge.

- **Podcasts**

Additionally, the students have the opportunity to listen to fresh clips, music, and videos on the internet, as well as see movies in the theater, on television, or through their personal computers. One kind of digital media file is a podcast, which is a collection of files that are disseminated via the internet. The teacher can download many free podcasts for teaching English.

- **Skype**

Students and professors alike have the ability to interact with one another from any location in the globe thanks to the use of Skype, which offers an infinite number of options. Students have the opportunity to read, act, or present for their classmates via the usage of Skype, which is a tool that instructors may utilize to assign mentoring homework. It is an efficient program that has the ability to assist with the learning process.

VI. CONCLUSION

During the 20th century, there was a saying that science is an excellent servant but a lousy master. Therefore, we are obligated to adhere to the message conveyed by this statement. Skills such as reading, writing, listening, and speaking may be acquired more quickly and with less effort when technology is



National Conference on Sustainable Developments in Engineering,
Science, Humanities and Management (NCSDESHM – 2025)

28th December, 2025, Raipur, Chhattisgarh, India.

used. As a result of being able to communicate with people all over the world, students' technological and communication abilities also increase. If students choose to study on a more extensive platform, they have the ability to connect and work with a large number of other nations and their educational systems.

Naturally, it will also boost their understanding of the English language. With the assistance of technology, it is possible to attain excellence in the classroom. Every day, the English language is undergoing new developments and stages. Technology should thus be included into English Language Teaching in order to provide students with the highest possible English language skills. The use of technology is a very valuable addition to English Language education (ELT) if we combine the areas in which technology may be used with education and there are no budgetary issues involved.

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National Conference on Sustainable Developments in Engineering,
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28th December, 2025, Raipur, Chhattisgarh, India.

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