The Role of Technology and its Techniques in The Development of Teaching Arabic to Non-Native Speakers

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Abstract
This study seeks to present recommendations for the development of teaching Arabic to non-native speakers to achieve the desired mastery of Arabic language skills and its sciences by using technology and its techniques. The significance of this study is that it calls for the use of technology and its techniques, and it is widely known that technology is one of the effective tools in the modern era and has become one of the major tools in modern life in several fields. Indeed, for the desire to achieve scientific pleasure associated with fulfilling hopes for the learners to master the skills of the Arabic language and its sciences, it is necessary to use technology and its techniques in order to keep pace with the spirit of the times and its positive trends. Further, the research will adopt the Descriptive and Analytical Approach to clarify the steps and procedures that we aspire to clarify and focus on. This study concluded to important results; including proving the effectiveness of the use of technology and its techniques and positives in teaching Arabic to non-native speakers, and that learners feel pleasure and interest in learning the Arabic language, and the rareness of employing modern technologies in teaching Arabic to non-native speakers. This study recommends that education officials in countries interested in teaching Arabic and other sciences should be interested in expanding the use of technology and its various means in teaching, and training teachers and learners to use modern technological machines proficiently, so that the educational process develops and learners enjoy the quality of education and the speed of mastering what is expected of them.
Keywords: Technology, Modern Technologies, Development, Teaching Arabic to Non-Native Speakers & Mastering Language Skills

Introduction

Modern technology plays a major role in all scientific and practical fields; rather, it has even become a significant instrument to achieve what is hoped for; so, we notice that modern technology has greatly influenced education. Several researchers have called for the need to use modern technology and information technology in the educational process.

Modern teaching techniques have spread all over the world and are useful and effortless for teachers. Moreover; modern teaching techniques educate children well and make them understand clearly and easily. Nowadays, there is an increasing use of the Internet in educational applications; which implies that students and educators will increasingly use technology in open and flexible learning systems.

Technology plays a supreme role in enhancing and developing our learning system; which calls for exploring the results sought after as well as the unintended consequences of using modern teaching techniques for the professional development of teachers.

The possession of certain skills and abilities to use various modern teaching technologies is necessary for both students and teachers; it is; therefore – essential to prepare them for the era of modern teaching technology (Vijayalakshmi, 2019). There is an increasing need for teachers to use modern technology solutions in teaching, in order to set an example for students to use technology independently for educational purposes. Thus, by way of illustration, by using mobile devices in the classroom, teachers take a more active role and impart learning experiences to their students, i.e. teachers' ICT competencies remain a critical element in the development of education (Andrzej, 2021).

Indeed, the Internet is a source of broadening horizons; thus, there is no doubt that the wide availability of the network contributes to the rapid access to information technology in many fields. Teachers' use of Internet-Based Technologies in formal classrooms will help students to easily distinguish between reliable and unreliable Internet sources. This can motivate students to search for materials available on the Internet outside of the formal classroom, as it leads to a higher level of education for children compared to the level provided by the traditional education system (Andrzej, 2021).

So; Modern educational technology – represented by computer-assisted networked education – has a profound impact on education, at the same time the latest types of information on the Internet and constantly updated educational models influence traditional education, and provide both students and teachers with rich educational resources (Bujiao, 2021).

The use of the digital learning environment for educational institutions involves the use of all its elements; including information technology services, applications, and systems that can be easily integrated, updated, added, deleted, and changed. This approach will lead to the creation and development of a digital learning environment for educational institutions, which encourages innovation in education and information and communication technology (Olena, 2021).

Moreover; the experiment of a group of researchers proved that "E-Learning Stimulation" and "Social Influence" had a positive effect on behavioral intention, while "Facilitating Conditions" had no effect on the use of the E-Learning portal. Furthermore; usage behavior had a positive effect on E-Learning motivation. These findings will help policy makers and practitioners in developing countries better understand the drivers of E-Learning for students (Ursula, 2011)

Findings came by a group of other researchers have indicated that system quality, computer self-efficacy, information quality, perceived enjoyment and accessibility, and computer games have a significant impact on the usability of these E-Learning systems (Said, 2019).

Therefore, this study was conducted, which is around the use of technology and its modern techniques for education to achieve the following objectives

1. Positive use of modern technology in education
2. Knowledge of modern technologies and training them for teachers and learners;
3. Presenting the material in a more interesting and attractive way
4. Directing students towards technological activities to develop the educational process; an
5. Diagnosing students' learning problems and help them overcome them.

For this purpose, the objectives of this study are to analyse online learning publications indexed in the domain using Bibliometric Measurements and Visualization Analysis. We collected our information from research from Scopus data, and the Scopus Database is one of the world's leading data, and this research data included several leading journals in the field of modern technology for education.

Our follow-up of studies interested in the use of technology and modern technologies has figured out how research interests in modern technology for education have changed over time. In addition, this paper depicts the scientific cooperation between the main contributors to technology and its modern techniques on a side and its relationship to education on the other one, which was previously unavailable in the past years.

This study revolves around finding answers to the following questions

1. What international, Arab and national journals are interested in modern technology for education?
2. Which countries are most productive in the field of modern technology in education research?
3. What are the prominent techniques in using modern technology in teaching Arabic in general and teaching Arabic to non-native speakers in particular?
4. How can technology be used in teaching Arabic to non-native speakers?

Materials and Methods
This review aims to uncover the most productive studies that have been conducted on modern technology in the field of education research. To achieve this Bibliometric Analysis; a review was performed in this study.
This research was conducted on October 1, 2022. Scopus Database was used in this research. The initial search revealed 5,942 articles in the Modern Technology Education Student Research Area. Keywords that were used are (Modern - Technology - Education). This research covered the last 5 years from 2017 to 2021. The research themes include (Social Sciences), (Computer Science), (Psychology), and (Arts and Humanities). The search language used articles published in English only and any other languages were excluded. Furthermore; the final articles used in this research were 3603 articles in the field of technology research and its modern technologies in education.

Bibliometric Analysis
The method of Bibliometric Analysis was used in the study to find out the most cited journals, the most published journals, the countries that published the most studies on this topic, the publishing cooperation among countries, and the keywords used and the relationship among them.

Results

Research Question No. 1

What is the distribution of Modern Technology for Education publications by year over the past decade?

We chose only five years due to the large number of articles published on this subject. The general number of this topic has reached 13565; so when we chose the last five years and identified only three themes, then selected the articles published in English only, the number of articles reached 3603 articles.

Figure No. 1 shows us the great discrepancy between what was published in the year 2017 and the year 2021. The number of publications in 2017 was small compared to the year 2021; as the number of articles reached 458 articles, while the number of publications in 2021 was a large number; as the number of articles reached 1047 articles, followed by the number of articles in abundance in 2020, when it reached 905 articles, followed by 2019, when it reached 690 articles, and the publication in 2018 increased from the year 2017; as it exceeded five hundred articles, when 504 articles were published.

It is noticed that the differences between the first three years are close in number; where the difference between the first and second years was 142 articles, and the difference between the second and third years was 215 articles. We also observe that the difference between the fourth and fifth years is close; where the difference between them was only 46 articles. This indicates that all journals are interested in publishing articles on the use of technology and its modern techniques in education. Moreover; it indicates that the use of technology in education is increasing year after year from 2017; as many educational authorities and those interested in education learned about modern technology that serves education and makes it more vital.

We also point out a very critical matter, which is that the period specified in the research occurred during which the Corona pandemic occurred, direct education stopped, and educational institutions tended to apply distance education; so they were forced to use old and modern technology to improve the performance of education and its outputs in this exceptional pandemic. That is why there are many experiments and researches that show the significance of using technology and its various types and applications in education.
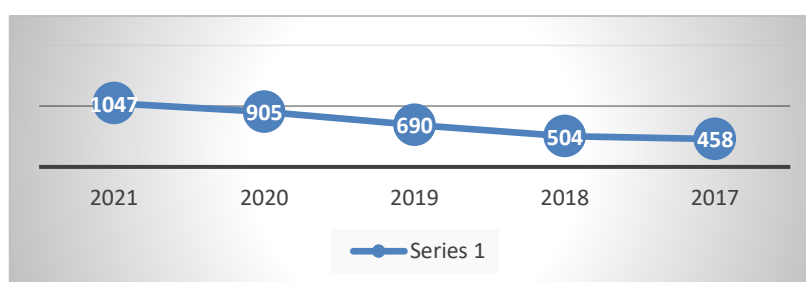

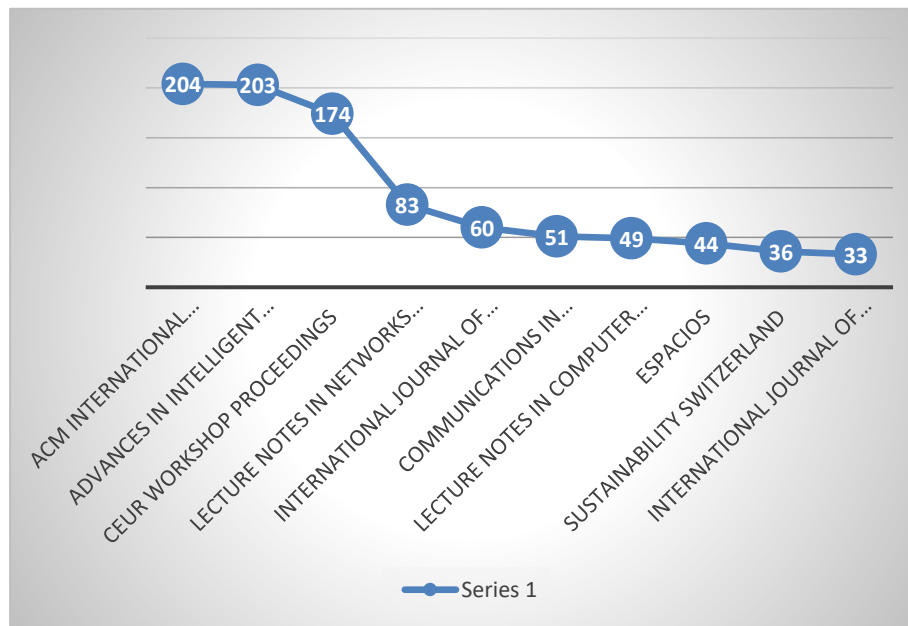Figure No. 1. The Number of Articles Published by Years

Research Question No. 2
What Are The Most Relevant Journals And Authors on Modern Technology For Education?

Figure No. 2. Journals and Research Published over Five Years

It appears to us that the journal with the same title publishes the most such articles is (ACM International Conference Proceeding) with 204 articles, followed by (Advances in Intelligent Systems and Computing) with 203 articles, followed by (Ceur Workshop Proceeding) with 174 articles, followed by (Advances in Intelligent Systems and Computing) with 83 articles, followed by (International Journal of Emerging Technologies in Learning) with 60 articles, and followed by (Communications Computer and Information Science), which published 51 articles, and the journal with the least publication on the same topic was (International Journal of Innovative Technology and Exploring Engineering) with only 33 articles published, followed by (Sustainability Switzerland) with 36 articles.

We also found that the differences between the first and second journals are close in publication; as the first-ranked journal produced 204 articles, while the second journal produced 203 articles. It is also found that the journals ranked fifth through eighth are also close in production; as shown in Figure No. 2, the last two journals, the ninth and tenth, are also very close. This indicates that all journals are interested in publishing articles on the use of technology and its modern techniques in education, and we have referred to this in the statement of topics published in those journals.

Research Question No. 3
What Are The Most Productive Countries in The Field of Modern Technology in Education?
This comparison in Figure No. 3 illustrates that the Russian Federation is one of the most productive countries in this field; as the number of articles published reached 857, while we find that there is a clear decrease from Australia with 77 papers, and from Germany with 80 papers, while China came in the second place; as the number of articles produced by 647 articles. The number published in the United States decreased to 255 researches. Although this production is much less than China and Rusia; rather, it is a large number; even the least productive country, Australia, which produced 77 articles which is considered a large number of publications in this field and this number is also a large number. This indicates the

significance of the issue of using technology and its modern techniques in education, and also indicates that this topic is still of interest to researchers, universities and countries all over the world.
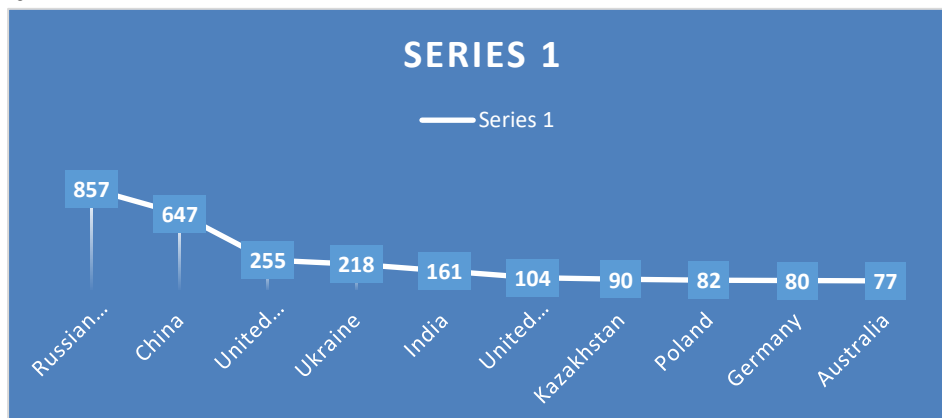

Figure No. 3. Countries and the Number of Articles Published

Efforts of Previous Studies in the Use of Technology and its Techniques in Education
This study aimed to find the relationship between modern technology and education in general and language education in particular in the period between 2017 and 2021, and the extent of benefit so that learners can achieve quality learning through the use of technology and overcome learning difficulties and achieve learning goals and reach expectations.

It has been noted that the articles published mainly in the past two years have increased; in 2021, 1,047 articles were published, and in 2020, 905 articles were published. This analysis of publishing sources indicates the exploration of new features of technology and its great significance in developing education and encouraging learners and teachers to the educational process. This indicates a positive relationship between teaching methods using technology and its modern techniques. Moreover; this analysis indicates the exploration of new advantages of technology and its modern techniques, and its great significance in developing education and encouraging learners and teachers to the educational process.

Moreover, it became illustrated that these studies have attracted the attention of researchers and experts in education; so they wrote many useful and profitable studies that contribute to the development of language education, and facilitate learners' acquisition of second languages in particular. The use of technology and its techniques in education has gained acceptance among students at different stages, especially at the university level. One study indicated that students accepted E-Learning. Researchers found that computer self-efficacy, self/social norms, perceived enjoyment, systems quality, information quality, content quality, accessibility and computer gaming are the external factors. Most common for ATM Accordingly; the scope of the E-Learning program has been expanded through the above-mentioned factors to examine the acceptance of students for E-Learning in five different universities in the UAE. They concluded that computer system quality, self-efficacy and computer games have a major impact on the ease of use of the E-Learning system. It was also found that the quality of information, the enjoyment, and the ease of access have a positive impact on the ease of use of the E-Learning system (Said, 2019).

Another study found very important issues in knowing the acceptance of university students in Jordan for E-Learning and how to convince them of the significance of using technology and its techniques. In order to motivate the intentions of the students to use technology in their learning environment, it was necessary to present a positive perception of the vail of technology and its modern technologies (Al-Adwan, 2013).

Furthermore; researchers pointed out the need to focus on how technology and its techniques can help improve student performance and effectiveness in learning, rather than focusing on the actual use of technology. They concluded that this would encourage students to more easily identify the benefits of E-Learning and explore the opportunities it provides for them to improve their performance. Hence, this will stimulate greater participation in E-Learning with a positive attitude (Al-Adwan, 2013).

The Internet is one of the important tools in the use of technology and its modern techniques. Availability of the Internet will facilitate quick access for students to information technology in various fields; thus, it improves efficiency and saving time. This underscores the significance of online technology in finding new approaches to learning and teaching.

Information systems improve efficiency and save time, becoming a significant instrument for competition, decision-making in business management and development, and are particularly prominent in new methods of learning and teaching (Andrzej, 2021)

The Internet has been widely used for educational purposes, and a number of notable examples of Internet-Based Education have emerged over the past twenty years. Forms of online content sharing include the open distribution of educational content created by individuals and organizations; for example, YouTube Edu. provides access to millions of educational videos produced by individual educators and learners (Hubalovsky, 2019). Apple's suite of educational media suites, called iTunes-U, are designed for learners; which allows them to avoid traditional educational lectures and classes in favor of free on-demand mobile learning especially (Andrzej, 2021).

Another expert said that modern teaching technology is significant and most preferred in this era; called the Technological Age. Classrooms have been developed and equipped with modern teaching aids in various educational institutions. (Vijayalakshmi, 2019)

A third expert said that learning using technology has become a popular approach within higher education institutions, especially due to the continuous growth of innovations and technologies on the Internet (Al-Adwan, 2013).

Another researcher confirms that with the widespread application of information technology and the popularization of computers and other electronic equipment that networked learning has swept the world; educational information has become an inevitable demand and direction for the reform and development of education in the Information Age. One of the priorities of educational informatics is the use of modern and advanced information technology (Baojing, 2020).

Examples from Previous Studies
The First Study: "Exploring Student Acceptance of E-Learning using the Technology Acceptance Model in Jordanian Universities"; by three researchers: Amer Al-Adwan, Ahmed Al-Adwan, and Joe Smedley (Al-Adwan, 2013)
In the abstract of the study, researchers mentioned that higher education institutions in Developed Western Countries see that these developments provide rich opportunities to include technological innovations in the learning environment, and that this situation puts developing countries that strive to be able to compete on an equal footing in international markets under tremendous pressure to include an appropriate mix of technologies in their learning curricula and courses and to devise methods that enhance their learning experiences. Although many universities around the world have incorporated Internet-Based Learning systems, their successful implementation requires a broad understanding of the end-user acceptance process.

Technology learning has become a popular approach within higher education institutions due to the continuous growth of Internet innovations and technologies.

They explained the purpose of presenting this study; which is to verify that students want and accept E-Learning. Universities try to adopt E-Learning systems and achieve the desired success in them. The study attempts to identify this and to know the important factors that would contribute to its fruitful use. The results will enrich understanding of students' acceptance of E-Learning and help in its further implementation in Jordanian universities.

They explained the nature of E-Learning and stated that it is "facilitated and supported learning through the use of information and communication technology". Its use in various educational processes is designed to improve learning performance, and can be used in many forms, i.e. as a supplement to traditional lectures, asynchronous distance learning, learning management systems, or online learning.

Web-Based Courses are known as "Blended Learning". This blends the features of virtual and real environments to provide comprehensive information production and enhance student learning experience. Researchers of this study argue that providing a flexible and responsive learning experience often requires engaging modern information and communication technologies to enhance access to continuing professional development practices in today's fast-paced mobile work environment.

E-Learning provides flexibility in time and space, allowing higher education institutions and their students to offer or receive educational materials in a more flexible way. The increasing demand for integrating information and communication technology into the educational process due to the changing demographics of students puts higher education institutions under pressure to use information and communication technology in universities. In addition; universities through effective implementation of E-Learning can attract and engage larger numbers of students.

Despite the many advantages offered by E-Learning systems, the transformation of the educational style poses various challenges that will greatly affect the culture and the continuous need to develop the technological skills of students and employees. They also believe that student participation and acceptance must be taken into account; otherwise, advanced systems are likely to fail.

Several universities that provide E-Learning services confront various obstacles in adopting successful strategies; including acceptance and effectiveness of course delivery, and most importantly, understanding student acceptance of E-Learning is the most critical step towards implementing and developing a successful E-Learning environment.

Exploring student intentions and examining the factors that influence students' beliefs about E-Learning can help the management create new methods to attract more students willing to participate in E-Learning systems.

Researchers used the technology (TAM), and they said; "This research proposes the (TAM) model, as we believe that it is the most suitable model for exploring the acceptance of E-Learning in Jordan through the presence of focused elements." TAM has been built on two core components – the Perceived Use Ease (PUE) and Perceived Usefulness (PU).

They concluded that TAM can be used as a useful theoretical basis for predicting and understanding users' intentions to use E-Learning. Moreover; they emphasized that; in order to motivate students' intentions to use technology in their learning environment, it is necessary to present a positive perception of the usefulness of technology – especially since students' attitudes may not associate this element as being of equal significance.

From a managing perspective, they saw that training helps E-Learning and its development, focusing on how technology can help students improve their performance and effectiveness

in learning, rather than focusing on the actual use of technology. Furthermore; results showed that while the Perceived Usefulness had no significant effect on students' attitude, the Perceived Use Ease significantly affected both the attitude and the Perceived Usefulness. Results also indicate that this will encourage users (students) to identify the benefits of E-Learning more easily, and to explore the opportunities it provides for them to improve their performance. This will motivate learners to participate more in E-Learning with a positive attitude.

The Second Study: "Modern Teaching Techniques in Education" (Vijayalakshmi, 2019)
This study focused on presenting modern teaching techniques in education. The researcher believes that modern teaching techniques have spread all over the world, and that these techniques educate children well and make them understand clearly, and that the use of the Internet in educational applications is increasing, which makes students and teachers increasingly benefit from technology within learning systems, and that their use is necessary for students as well as for teachers. He believes that it is necessary to prepare them for the era of modern teaching technology, and thinks that providing educational means for each school is necessary to improve the quality of teaching and that this helps students to achieve their excellence in learning. Thus, classrooms should be equipped with modern teaching aids; such as loudspeakers, videos streaming over the Internet, interactive whiteboards, response system, liquid crystal displays, projectors, educational software, etc., which all perform as tools for teachers to explain concepts in a more effective and clear manner.
This study will present the modern teaching techniques used in education, which help to achieve the desired goals. Therefore, he stated the techniques associated with the teaching method; including: brainstorming, partial teaching technique, programmed learning, inquiry-based learning, mental map, and cooperative learning. He also mentioned the media participating in modern teaching techniques; including: audio aids, visual aids, audio-visual aids, and the interactive electronic whiteboard.
Then, the study detailed the use of these techniques, among of which it mentioned what follows:

Micro Teaching Technique
The study informed that it is substantial to practice teaching skills in order to become better teachers. The skill of teaching is a set of teaching behaviors of the teacher, which is particularly effective in bringing about desired changes in the behavior of students. Furthermore; it is not reasonable to train the teachers of all pupils to all these skills in any training program due to the lack of time and funds; therefore, a set of teaching skills that cut across subject areas and are very useful to every teacher have been identified. Among these skills: the skill of asking questions, the skill of explanation and organized clarification with appropriate examples, the skill of reinforcement, the skill of difference and the skill of motivation, the skill of classroom management, and the skill of using the board.

Programmed Education
The study clarified that Programmed Learning (or Programmed Education) is a research-based system that helps learners to work successfully. The learning material may be a textbook, an educational machine, or a computer. The medium presents the material in a logical and tested sequence, displays the text in small steps or larger parts. After each step, the learners are given a question to test their understanding, and then immediately the correct answer is

presented. This means that the learner at all stages makes the responses, and is given immediate knowledge of the results.

Cooperative Learning

The study stated that cooperative learning is a successful teaching technique that divides students into small groups, each with students of different levels of ability, and offers them a variety of learning activities to improve their understanding of the subject. Each member of the team is responsible not only for learning what is being taught but also for helping his teammates to learn, and then this technique is characterized by creating an atmosphere of enjoyment, ability to achieve, and masterful understanding. Some students understand with this technique and at the same time help other students understand; so that all members of the group understand well. These collaborative efforts achieve mutual benefit for all members of the group.

Then, it explained the role of the media participating in modern teaching techniques, including:

Audio and Visual Aids

These means have been widely adopted and used in many educational institutions, and they require a separate audio-visual room or laboratory. Through these means, children's perceptions develop, and they are encouraged to take an interest in computer-based learning; such as presentations. This method contributes to achieving teamwork among students, and the role of the teacher is as a facilitator of teaching, and this helps in the effective and active participation of the student.

Interactive Electronic White Board

This method is modern and developed. The entire board works as a touch screen with students being able to play various educational games and design learning activities right on the board itself. The electronic white board is connected to a digital projector that displays the material on the computer on the board without the need to touch the computer, and students can do mathematical calculations.

The study stated the benefits of using modern teaching techniques; including:
1. Improving learning methods in light of the use of the latest teaching aids.
2. Working in groups for cooperative learning.
3. Developing self-learning habits.
4. Developing learning habits by inquiry.
5. Using the right information at the right time / right place to achieve the right goal.
6. Sharing educational experiences and information with other students and teachers who live anywhere in the world.

In the conclusion of the study, it was stated that the use of modern teaching techniques makes learners able to participate in the activities of learning communities around the world, and they can learn collaboratively, exchange information, and share their educational experiences, and that modern teaching techniques facilitate the process of teaching and learning in a more productive way.

The Third Study: "Analysis and Research on the Problems of Online Blended Teaching", by researchers from China; (Baojing, 2020)

In this study, researchers stated that the spirit of modern education is information technology; so it should be used as an auxiliary educational tool in all areas of learning to expand learning in various fields, and improve students' ability to solve problems, and that cooperative teaching is one of the important basic topics to enhance teaching , as well as using cloud technology to build a platform for sharing educational resources; where we can get better and richer teaching materials, which can effectively shorten the differences in learning between regions and colleges, and explain their significance; he said; "It is not easy for the teacher to handle computer operations and consider student interactions while conducting online collaborative teaching. The rapid development of the cloud computing era, as well as various industries in the development of cloud computing applications in order to reduce costs and improve competitiveness." He stated that the State of China helps to use cloud educational applications because the application of cloud computing in education leads to the expansion of existing education resources and the expansion of education services and benefits.

Then, he talked about cloud technology; as he explained that the application of cloud technology in teaching can include three aspects: teaching activities, teaching environment and teaching evaluation.

Teachers can also conduct teaching activities through free cloud resources, or build a teaching environment on the cloud, and use the platforms and resources created by cloud technology to create a learning environment. Teachers can also conduct teaching activities through free cloud resources, or build a teaching environment on the cloud, and use the platforms and resources created by cloud technology to create a learning environment. Digital learning using cloud computing is an influential and effective trend, and the teaching content in the cloud platform is mostly a one-way digital learning method; so in order to achieve the goals of group interaction that the classroom will focus on in the future in digital learning, we must use the video communication teaching method synchronized online interaction.

It can also be noted that the introduction of Internet technology in teaching can make good use of the Internet without being limited by time and space. The utility of this technology has the features of high interaction, real-time response, low cost and ease of use.

Then the two researchers explained cooperative teaching and said; "Traditional online teaching platforms focus on digital teaching content, online testing and assessment, and teacher assessment background management, enabling scholars and experts to conduct online, cross-region bound collaborative teaching." They; likewise, mentioned that the classroom in the future will depend on the use of technology in teaching, and that the teaching method focuses on interaction between groups; as learners are considered the central design of educational materials; so a collaborative educational learning environment must be created.

The goal is to build digital technology classrooms that are easy to use, allowing teachers to move around the classroom with the full benefit of technology.

The two researchers emphasize the need for teachers to master the use of modern technology and how to benefit from it. They emphasized that online education is a means of efficient knowledge transfer and integration of teacher resources, and is an effective tool for the coordinated development of educational resources, too, which effectively improves the matching efficiency of educational resources.

Moreover; the two researchers concluded that human-computer interface technology for collaborative education will be developed via the Internet; to get several benefits, including:

First: It can help instructors log in to the online live broadcast platform, reduce the trouble caused by web page operation, and facilitate the use of the online live broadcast platform for educational activities.

Second: Online collaborative teaching, human-machine interaction assistant teaching function can be completed to solve the problem of having only one teacher in the classroom. Computer-side operations problems and teaching courses must be considered at the same time to help master teaching situations.

Third: The multi-projection system architecture is used to deliver multi-point online collaborative teaching through projection screen. Moreover; field teaching and positive interaction between teachers and students can be communicated online.

Fourth: Implementation of collaborative teaching across classes, sharing teaching resources, and interacting with teachers from other schools. The research findings provide a reference for teachers' planning and implementation when promoting collaborative teaching online.

The research reached significant results; including

1. Cooperative teaching helps teachers achieve positive division of labor and cooperation. When the teacher is teaching at one end, the teacher at the other can pay attention to the student's learning status in the classroom and provide immediate guidance to the students.

2. Students can get immediate teacher assistance and guidance in the classroom, and can learn more about what is being taught in the classroom in terms of knowledge.

3. Students can use the asynchronous teaching function frequently after class to strengthen the less proficient part of the class too.

4. Creating an educational cloud through cloud computing solves problems; such as sharing educational materials and balancing educational resources in remote areas.

5. After uploading educational materials to cloud computing, resource sharing can be achieved; thus, facilitating the learning and development of others.

6. Cloud computing is also worth developing applications and expanding markets in the field of education. Schools promote building mobile Internet bandwidth, so that teachers and students can directly apply cloud resources for teaching or learning.

    It appears – based on the articles that we collected from Scopus Data – that researchers agreed on the need to use technology and its techniques in education. They mentioned its significance in achieving the quality of education and achieving the desired goals of the educational process. Some researchers (Baojing, 2020) stated that the spirit of modern education is technology; in addition, they believed that information technology should be used as an auxiliary educational tool in all areas of learning to expand learning in various fields and improve students' ability to solve problems. These matters are closely related to the title of our study; as it is the development of teaching the Arabic language to non-native speakers using technology and its modern techniques. Therefore, we must benefit from the research and experiences of researchers who have made leading and great efforts to facilitate the use of technology, and how to manage it, and what is required of various scientific institutions, whether in the pre-school stage and in schools in their different stages, as well as at the university level. All of this serves the educational process, and confirms the significance of technology and its techniques to cause the educational process reach the highest levels, and to create an enjoyable environment in which all methods and tools are available to help speed understanding and correct perception of the information provided. The most significant matter is to

attract learners to learn, enjoy learning, and raise students' motivation to continue studying with vast enthusiasm and the ability to achieve expectations.

Conclusion

In the conclusion of this analytical study, we seek to know the most significant issues that resulted from the discussion of the results, and we reached positive results; including:

1. E-Learning and the use of technology and modern technologies are among the most significant reasons for the development of education in general and the teaching of second languages in the modern era in particular, whether in direct education in classes or distance education via the Internet.

2. Traditional teaching media and online teaching media have a positive impact on learning effects. This indicates the significance of these media of modern technologies, and that students enjoy education using technology and modern technologies and interact with them, and are able to achieve their educational goals with high quality, and ensure the acquisition of knowledge and multiple information in the fastest time.

3. The significance of educational technology in the educational process lies in: saving time - sensory perception - understanding - skills - organized thinking and problem solving - Developing the aesthetic sense - Diversifying evaluation methods - Exciting the learner for the lesson - Pushing the learner towards self-learning - Developing collaborative skills - and it enables learners to improve their learning.

Recommendations

1. This study recommends the use of educational technology in all educational stages, and that the various educational institutions are recommended to do their best to provide all or some of the devices; such as the electronic board, smart halls, learning resource rooms, educational video films, the Internet, social networking, interactive video, digital television, mobile learning, e-book, and others.

2. Moreover; it recommends that the various educational institutions train teachers, university professors, and primary and secondary school teachers through holding appropriate training courses to provide them with E-Learning skills, train them on the effective use and employment of educational technology in teaching and dealing with their students, and encourage them on how to use project-based learning.

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