Impact of Diksha App as an Electronic Resource in Teaching English Language at Secondary Level in Andhra Pradesh

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ABSTRACT

Impact of the Diksha App as an electronic resource in the English Language Teaching Learning AndhraPradesh. NEP-2020 Para 23.6 highlights the integration of technology-based education platforms, such as Diksha, throughout school and higher education institutions for the use of e-contents in teaching and learning processes, as well as the use of this platform for teachers' professional development. The NEP-2020 also stresses tech-savvy instructors. Diksha is a platform for training both teachers and students, as well as a valuable resource for the English language teaching and learning process.   The researcher conducted a case study to determine how useful the Diksha app is as a teaching and learning tool.The questionnaire was implemented using a Google form, and the data acquired from English teachers across Andhra Pradesh was analyzed qualitatively and quantitatively. This practical study also identifies the various drawbacks and limits of the Diksha App as an English Language Teaching and Learning tool. The results and discussion demonstrate some favorable implications for different stakeholders on the utilization of Diksha App in the English language teaching learning process.

Keywords: Diksha App, Electronic Resource, English Language, NEP-2020,Secondary Level.

INTRODUCTION

Languages are not static. As language components change throughout time, so should language education theories and techniques.

 @ How do I teach a language in an easy and successful manner?

This must be the most commonly asked question among language teachers.

@ What is the best technique to teach a language that does not have a one-line answer?

Various scientific advancements have made our lifestyle distinct from age-old habits.Human aspirations have evolved in response to globalization. In line with NEP-2020 Para 23.7, "our present education system's inability to cope with this rapid and disruptive changes places us individually and nationally at a perilous disadvantage in an increasingly competitive world"[1].

NEP-2020 Para 23.2 goes on to say: "Given the explosive pace of technological development allied with the sheer creativity of tech-savvy teachers and entrepreneurs including student entrepreneurs, it is certain that technology will impact education in multiple ways, only some of which can be foreseen at the present time"[2]. Technology is the need of the hour. Language teachers should therefore be technologically competent.

According to Nep 2020 Para 24.4.C, "appropriate existing e-learning platforms such as SWAYAM and DIKSHA will be extended to provide teachers with a structured, user-friendly, and rich set of assistive tools for monitoring learners' progress." The pandemic has demonstrated the importance of tools such as two-way video and two-way audio interfaces for holding online classes" [3]. Different pilot initiatives are now underway in Andhra Pradesh based on various NEP-2020 propagandas. Organizing various training programs, such as the National

endeavor for School Heads' and Teachers' Holistic Advancement (NISHTHA, NISHTHA 2.0), through the Diksha app is one such pilot endeavor. Because the Diksha app is jam-packed with learning tools, teachers use it extensively in their classrooms.The Diksha app, when used properly in English language instruction, can make the learning process more successful, long-lasting, and engaging. The purpose of this article is to depict the various parts of the Diksha app in the English language teaching learning process, as well as to demonstrate the platform's effectiveness.

BACKGROUND STUDY OF DIKSHA APP:

"The Digital Infrastructure for Knowledge Sharing (DIKSHA) is a National Platform for School Education that benefits instructors and students across India. DIKSHA is a project of the National Council for Educational Research and Training (NCERT) (Ministry of Education, Government of India)" [2]. Teachers, students, and parents can access interesting learning materials related to the required school curriculum through the Diksha platform.Diksha is offered as a mobile app and a web platform. Diksha is a smartphone app that can be downloaded from the Play Store. Diksha can also be accessed as a web platform via its website. Users can use as they choose. According to the National Portal of India, "DIKSHA will serve as National Digital Infrastructure for Teachers." All teachers around the country will have access to innovative digital technology. The Diksha portal will facilitate, accelerate, and magnify solutions for teacher education. It will help teachers learn and prepare for the assessment resources that will be accessible. It will assist teachers in creating training content, profiles, and in-class tools. Diksha is offered as a mobile app and a web platform.

As stated on Diksha's official website, this "platform provides-

a. Teacher training courses (example: training on learning outcomes, CCE, etc.)

b. Curriculum-mapped teaching tools, including lesson plans, concept videos, and worksheets c. Teacher assessments to identify strengths and areas for growth.

Teachers will be able to access this content offline on their smartphones, tablets, and other devices at any time and from any location. Material will be contextualized in local languages and matched to the curriculum." [3].

Secondary Level Education in Andhra Pradesh

In recent years, Andhra Pradesh has seen a significant shift in educational priorities. The introduction of the National Education Policy (NEP) and a growing awareness among parents and schools have highlighted the value of Secondary Level Education in shaping well-rounded.
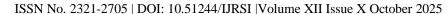
Holistic Development: Secondary Level Education focuses on the overall growth of students — physically, mentally, and socially.

Skill Building: It encourages teamwork, leadership, problem-solving, and discipline — skills essential for life beyond school.

Health & Well-being: Especially post-pandemic, schools in Andhra Pradesh are emphasizing the importance of fitness, sports, and emotional health.

Academic Balance: Integrating Secondary Level Education within the curriculum helps students perform better academically by improving focus and confidence.

Whether it's Physical Education in Andhra Pradesh promoting healthy lifestyles or Secondary Level Education in Andhra Pradesh focusing on academic excellence with life skills, the ultimate goal is the same — to nurture competent, confident, and creative learners.

Objectives of the study

The objectives of the present paper are-

A. To study the impact of the Diksha App on English language teaching learning process.

B. To find out the actual scenario of using Diksha App by the Teachers and students.

METHODOLOGY OF THE STUDY

The following research method has been used for the present study-

A. A set of questionnaires in Google form was employed in this study to collect the data from the English teachers of different schools in AndhraPradesh.

B. Different tables have been used to portray the data.

Sample selection

For the purpose of the study the researcher has selected Secondary schools in Andhra Pradesh. Random sample selection was done. So to put some light how teachers all over the Andhra Pradesh coped up with new technological devices and how they are using them in English language teaching learning process, all this will be discussed.

Data collection

The researcher employed a questionnaire through Goggle form. The questionnaire can be accessed from Annexure. The questionnaire in Google form was distributed among different Secondary school English Teachers' Whatsapp groups, with all the instructions clearly mentioned. A good number of English teachers came up with their response. In total 64 response received out of this 4 response was incomplete, for data analysis only 60 complete responses were granted.

Research approach

Quantitative approach and Qualitative approach this two research approaches are followed for research. To analyze the research data in numerical form quantitative approach is followed. To obtain generalizable result based on numerical analysis quantitative approach is also used. When the researcher is less concerned with issues of generalizability and the number of participants are less Qualitative researcher approach followed. To give freedom to convey their response and feedback in qualitative research open ended questions are used. Quantitative research, on the other hand, uses open ended questions with fixed response alternatives and conclusions that can be generalised using numerical analysis. Considering all factors, this study is a mix of quantitative and qualitative methods, as the researcher used both close-ended and open-ended questions to gain the most comprehensive understanding of the research issue through numerical and interpretive analysis.

Data analysis

Following the collection of data by questionnaire, the researcher conducted a systematic analysis. In the questionnaire, the researcher include 10 closed-ended questions..The researcher assessed the data on a scale of 100 and displayed it in percentage after gathering replies from respondents of closed-ended questions. The answers to the closed-ended questions are displayed in a table.

Analysis of the questionnaire

The questionnaire was close ended questions.Q. no. 1, 2,3,4,5 are about the usages of Diksha app by the teachers in English language classes. Q. no. 6, 7, 8, 9, 10 are about the usages of Diksha app by the teachers and students in English language skill development, Grammar lessons and Vocabulary development.

Question	Received Responses	Responded with option A	Responded with option B	Responded with option C
Q1. Do you use DIKSHA APP in your English language teaching classes? A.YES, B.NO, C.SOME TIMES	60 (100%)	49 (81.67%	2 (3.33%)	9 (15%)
Q2. Do you enjoy the contents related to English in DIKSHA APP? A.YES, B.NO, C.SOME TIMES	60 (100%)	38. (63.33%)	2 (3.33%)	20 (33.33%)
Q3. Which feature of DIKSHA APP you use most in your English classes? A.VIDEO NOTES, B.AUDIO NOTES, C.PDF NOTES	60 (100%)	32 (53.33%)	8. (13.33%)	20 (33.33%)
Q4.Do you share the weekly CCT reading comprehension questions available in DIKSHA APP and inspire your students to participate in it? A.YES, B.NO, C.SOME TIMES	60 (100%)	46 (76.67%)	2 (3.33%)	12 (20%)
Q5. Do you think material related to CCT available in DIKSHA APP are helpful for the students to improve their language skills? A.YES, B.NO, C.CON'T SAY	60 (100%)	46 (76.67%)	0 (0%)	14 (23.33%)
Q6.Do you use DIKSHA APP for teaching Listening skill to the students? A.YES, B.NO, C.SOME TIMES	60 (100%)	43 (71.67%)	6 (10%)	11 (18.33%)
Q7. Do you use DIKSHA APP for teaching Speaking skill to the students?	60 (100%)	38 (63.33%)	5 (8.33%)	17 (28.33%)

A.YES, B.NO, C.SOME TIMES				
Q8. Do you use DIKSHA APP for teaching Reading skill to the students? A.YES, B.NO, C.SOME TIMES	60 (100%)	48 (80%)	1 (1.67%)	11 (18.33%)
Q9. Do you use DIKSHA APP for teaching Writing skill to the students? A.YES, B.NO, C.SOME TIMES	60 (100%)	41 (68.33%)	5 (8.34%)	14 (23.33%)
Q10. Do you use DIKSHA APP for Vocabulary building and grammar of the students? A.YES, B.NO, C.SOME TIMES	60 (100%)	39 (65%)	6 (10%)	15 (25%)

It is clear from a detailed examination of the numerical data that English language instructors use the Diksha app extensively. The Diksha app is used in English language classrooms by over 80% of secondary school English Teachers, who strongly advise their pupils to utilize it. Nearly 98% of secondary school teachers have already finished courses like NISHTHA, experiential learning, and competency-based learning, and a sizable portion of teachers voluntarily enroll in NEP-2020 recommended courses given through Diksha. Thus, it is clear that Diksha is a crucial venue for teachers' capacity building. Over 70% of educators utilize the Diksha App's resources to teach vocabulary, grammar, speaking, listening, reading, and writing. It is clear from the data gathered that pupils benefit much from engaging grammar activities.

The Program for International Students Assessment (PISA) is one of the prestigious exams that for students. Teachers and students can access highly effective materials that enhance students' critical and creative thinking. Based on the data gathered, it is clear that Diksha's video notes are highly popular, but PDF and audio notes are also utilized in tandem. All of these resources are very helpful for students' self-study, so individual learning differences are addressed. After examining the answers to the questions, some intriguing teachers are preparing its students for exams such as the Program for International Students Assessment (PISA) and providing them with resources to improve their critical and creative thinking.

After examining the answers to the open-ended questions, some intriguing information emerged. Diksha is quite well-liked among English teachers and students, but it has certain drawbacks. When utilizing the Diksha app, English teachers reported Sometimes it hangs, asks for frequent updates, and other times it takes a long time to update the profile. Other times it displays a technical fault when downloading documents. Additionally, educators recommended improving this app's usability.   Instructors recommended more text-based recommendations. Some demanded that there be more interactive workbooks and multiple-choice questions. Teachers can observe improvements in the classroom whenever they utilize the Diksha app.

The majority of students use Diksha materials as a self-learning tool, there is increased student interaction, and students score higher on examinations after using these resources. Different television advertisements, workshops, and parent-teacher conferences should be used to enhance student and parent participation. Students should participate in a hands-on workshop on several techniques for making better use of this program. Employers ought to prioritize the certificate programs offered by the Diksha app for students' capacity building.

Ultimately, the educators came to the conclusion that Diksha might be a more beneficial and successful platform in the future for instructors' and students' capacity building in particular subject areas and as well as some hand on training on AI, CBE etc.

Limitations of the study

This study has the following limitations:

 a. Limited to Andhra Pradesh schools only.

b. Limited to English teaching learning process only.

c. Limited to Secondary school teachers only.

Scope for further studies

 Further studies can be done on the following areas:

 a. Study on the use of Diksha app on other subjects such as Math, Science, and Other Languages.

b. Studies on the use of Diksha app by the Central board teachers.

CONCLUSION OF THE STUDY

Diksha is a fantastic software that offers a wealth of materials for teaching English. The Diksha app attempts to provide users with a real-world experience while avoiding the drawbacks of traditional English language instruction. The Diksha app enhances and increases the efficacy of instruction both within and outside of the classroom. When used properly, this program allows users to avoid traditional, tedious teaching and learning activities with some rapid results-based assessments. Simultaneously, this app enhances the quality of classroom education and guarantees professionalism with top-notch materials.

We can anticipate that educators, particularly English professors, will utilize the Diksha app to its fullest potential at this point. Due to the current globalized environment, it is imperative that educators abandon traditional teaching methods and include digital tools into their lesson plans. It is also clear that while promising learners may readily access the self-learning resources from this program, slow learners can benefit immensely from it. The job of a language teacher is extremely difficult because language is dynamic and changes with time, scientific advancements, and the introduction of technology into the classroom.

The challenge of techno pedagogy should be embraced by all language instructors. The Diksha app can be an excellent tool for the language instructor's ongoing self-training and knowledge base updates. It offers all the most recent courses from many well-known organizations, like CBSE, NITTTR, and others, to provide teachers and students with free certification and to equip them with current trends and self-learning and development. The Diksha technical team should improve the app's content to make it easier to use. This app should be promoted by policymakers, and its use should receive a lot more attention. Teachers should educate parents and kids about the advantages and applications of this software, particularly language instructors.The data analysis demonstrates that the overall English teaching learning process and experience would be more effective and long-lasting if language teachers put aside the app's minor limitations and drawbacks and more voluntarily use it in their language classes for capacity building.

Appendices

Questionnaire for the teachers regarding the Diksha app.

Section A personal information

Your answers will remain strictly confidential and used only for research purpose.

Name of the teacher. _ _____

Designation. _____

Name of the school. _____

Teaching classes. _____

Section B Questions related to Main Survey

Please respond the following questions from your teaching experience.

Q1. Do you use DIKSHA APP in your English language teaching classes?

A.YES, B.NO, C.SOME TIMES

Q2. Do you enjoy the contents related to English in DIKSHA APP?

A.YES, B.NO, C.SOME TIMES

Q3. Which feature of DIKSHA APP you use most in your English classes?

A.VIDEO NOTES, B.AUDIO NOTES, C.PDF NOTES

Q4.Do you share the weekly CCT reading comprehension questions available in DIKSHA APP and inspire your students to participate in it?

A.YES, B.NO, C.SOME TIMES

Q5. Do you think material related to CCT available in DIKSHA APP are helpful for the students to improve their language skills?

A.YES, B.NO, C.CON'T SAY

Q6.Do you use DIKSHA APP for teaching Listening skill to the students?

A.YES, B.NO, C.SOME TIMES

Q7. Do you use DIKSHA APP for teaching Speaking skill to the students?

A.YES, B.NO, C.SOME TIMES

Q8. Do you use DIKSHA APP for teaching Reading skill to the students?

A.YES, B.NO, C.SOME TIMES

Q9. Do you use DIKSHA APP for teaching Writing skill to the students?

A.YES, B.NO, C.SOME TIMES

Q10. Do you use DIKSHA APP for Vocabulary building and grammar of the students?

A.YES, B.NO, C.SOME TIMES.

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