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INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) INNOVATION IN TEACHING STUDENTS WITH DYSLEXIA

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Abstract

Each teacher's intention is for college students to apprehend and master what they have found and be capable of observing it in situations they want. However, some scholars have issues remembering and retaining what they have discovered. Gaining knowledge of disability is a situation defined as "difficulty in getting to know and learning about a particular mission." Agnosia, dysgraphia, dyscalculia, and dyslexia are examples of gaining knowledge of disabilities that can be seen in students. Diagnostic Prescriptive Teaching (DPT); computer Assisted Instructions (CAI)-Drill and Practice (DAP); prognosis, making plans, implementation, assessment, change (DMPIAC); educate-take a look at-teach; individualized coaching; and project evaluation are some of the coaching strategies that can help college students triumph over those situations. Researchers have discovered that using Information and Communication Technology (ICT) to educate people with learning disabilities is a success. As a result, in this paper, the researchers have implemented ICT innovations using the Smart Text to Speech/Enhanced Speech to Text (ST2S-ES2T) Application. This advanced Android platform can be used by teachers using one or more teaching techniques, particularly drill and practice, to assist dyslexic students in conquering dyslexia.

Keywords: *Dyslexia, Dyslexic, CAI, ST2S, ES2T, Innovation.*

Introduction

The development of records and communication technology (ICT) in schooling includes adopting general additives of ICT in a studying manner. A prolonged study has confirmed that ICT can have promising results in gaining knowledge of Benmarrakchi et al. (2016). The digital generation and mobile computing are two associated phrases that, on occasion, can convey identical meanings in their context. The mechanism of m-mastering includes using cellular devices like mobile telephones, iPad, Personal Digital Assistants (PDAs), tablets, and laptops. According to Aliff Nawi et al. (2015), m-studying has created a method of learning that confirms variations compared to traditional methods usually utilized in proffering knowledge. Integrating m-studying within the learners' surroundings would be an easy motion if instructors or educators do now not take hold of the opportunity to use the cellular era in a school room placing, especially for learners with dyslexia - one form of learning disability or the other.

Dyslexia is a studying impairment that makes it extraordinarily tough to examine analysing talents. It is a fixed symptom that motivates people to war with precise language competencies and evaluation. As stated, utilizing the worldwide Dyslexia affiliation (The International Dyslexia Association, 2013), people with dyslexia enjoy problems with an expansion of language abilities, together with spelling, writing, and announcing phrases. It also