

**INVESTIGATING TEACHERS' AND STUDENTS' PERCEPTIONS
TOWARD ARTIFICIAL INTELLIGENCE-BASED APPLICATIONS AT
SMA NEGERI 4 SINGARAJA IN THE ENGLISH POST-PANDEMIC
LEARNING**

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ABSTRACT

This study investigated teachers' and students' perceptions of AI-based applications in English post-pandemic learning and examined the affordances and challenges of AI-based applications in English post-pandemic education. The method used in this study was the Explanatory Sequential mixed method, and the research location was at SMA Negeri 4 Singaraja. Following the criteria established, a sample of 7 English teachers and 572 students in grades X and XI was selected for the study. The study results showed that teachers and students positively perceived AI-based applications in post-pandemic English learning. SMA Negeri 4 Singaraja students demonstrated a favorable opinion of AI-based applications during their post-pandemic learning experiences. In addition, the affordances that teachers can get from using AI-based applications in post-pandemic learning have been recognized. These affordances include helping students complete activities, teaching them new vocabulary and pronunciation, and boosting their confidence in studying English. However, challenges were highlighted, such as limited access to AI-based applications without internet connectivity, sporadic errors in Google Translate, and a lack of features. Through this study, it is suggested that the teachers could provide guidance and instruction on how to utilize AI-based applications effectively and the students could gain knowledge on how to enhance their capacity for learning the English language.

Keywords: AI-based applications, ELT, perceptions, post-pandemic learning

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ABSTRAK

Studi ini menyelidiki persepsi guru dan siswa terhadap penerapan berbasis AI dalam pembelajaran bahasa Inggris pascapandemi dan mengkaji keterjangkauan dan tantangan penerapan berbasis AI dalam pendidikan bahasa Inggris pascapandemi. Metode yang digunakan dalam penelitian ini adalah metode campuran Explanatory Sequential, dan lokasi penelitian di SMA Negeri 4 Singaraja. Sesuai dengan kriteria yang ditetapkan, sampel berjumlah 7 guru bahasa Inggris dan 572 siswa kelas X dan XI dipilih untuk penelitian ini. Hasil penelitian menunjukkan bahwa guru dan siswa memandang positif penerapan berbasis AI dalam pembelajaran bahasa Inggris pascapandemi. Siswa SMA Negeri 4 Singaraja menunjukkan pendapat yang positif terhadap aplikasi berbasis AI selama pengalaman belajar mereka pascapandemi. Selain itu, keterjangkauan yang dapat diperoleh guru dari penggunaan aplikasi berbasis AI dalam pembelajaran pascapandemi telah diakui. Keterjangkauan ini termasuk membantu siswa menyelesaikan aktivitas, mengajari mereka kosakata dan pengucapan baru, dan meningkatkan kepercayaan diri mereka dalam belajar bahasa Inggris. Namun tantangan yang disoroti, seperti terbatasnya akses ke aplikasi berbasis AI tanpa konektivitas internet, kesalahan sporadis di Google Terjemahan, dan kurangnya fitur. Melalui penelitian ini, disarankan agar para guru dapat memberikan bimbingan dan instruksi tentang cara memanfaatkan aplikasi berbasis AI secara efektif dan siswa dapat memperoleh pengetahuan tentang cara meningkatkan kapasitas mereka dalam belajar bahasa Inggris.

Kata Kunci: Aplikasi Berbasis AI, ELT, persepsi, pembelajaran pascapandemi