

**EFEKTIVITAS MEDIA PEMBELAJARAN BERBASIS
AI *SPEECH-TO-TEXT* DALAM MENINGKATKAN
KETERAMPILAN BERBICARA SISWA
KELAS VII G SMP NEGERI 8 DENPASAR**

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ABSTRAK

Pada era digital saat ini, integrasi teknologi Artificial Intelligence (AI) menjadi sangat urgen untuk mengoptimalkan pembelajaran keterampilan berbicara secara interaktif, adaptif, dan mandiri. Penelitian Tindakan Kelas (PTK) ini bertujuan untuk: (1) mendeskripsikan penggunaan media pembelajaran berbasis AI *Speech-to-Text* dalam meningkatkan keterampilan berbicara siswa; (2) mendeskripsikan peningkatan hasil belajar siswa dalam teks deskripsi dengan menggunakan media pembelajaran berbasis AI *Speech-to-Text* terhadap peningkatan keterampilan berbicara siswa kelas VII G SMP Negeri 8 Denpasar tahun ajaran 2025/2026. Penelitian ini merupakan Penelitian Tindakan Kelas (PTK) yang dilaksanakan dalam dua siklus, dengan metode pengumpulan data menggunakan instrumen observasi, tes praktik berbicara, dan dokumentasi. Data dianalisis menggunakan teknik deskriptif kualitatif. Hasil penelitian menunjukkan bahwa penggunaan media pembelajaran berbasis AI *Speech-to-Text* berhasil meningkatkan hasil belajar siswa dalam materi teks deskripsi secara signifikan dari Siklus I ke Siklus II. Tingkat ketuntasan akhir siswa mencapai 75% atau sebanyak 30 siswa dinyatakan tuntas di atas Kriteria Ketuntasan Minimal (KKM) 78 dalam rentang nilai 78–100. Temuan ini membuktikan bahwa penggunaan media pembelajaran berbasis AI *Speech-to-Text* efektif dalam meningkatkan keterampilan berbicara serta hasil belajar praktik berbicara teks deskripsi siswa.

Kata Kunci: AI *Speech-to-Text*, keterampilan berbicara, penelitian tindakan kelas.

***THE EFFECTIVENESS OF AI SPEECH-TO-TEXT
BASED LEARNING MEDIA IN IMPROVING
THE SPEAKING SKILLS OF GRADE
VII G STUDENTS AT SMP NEGERI 8 DENPASAR***

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ABSTRACT

In the current digital era, the integration of Artificial Intelligence (AI) technology has become highly urgent to optimize speaking skills learning in an interactive, adaptive, and independent manner. This Classroom Action Research (CAR) aims to: (1) describe the use of AI Speech-to-Text-based learning media in improving students' speaking skills; (2) describe the improvement of student learning outcomes in descriptive texts using AI Speech-to-Text-based learning media toward the enhancement of speaking skills among Grade VII G students at SMP Negeri 8 Denpasar for the 2025/2026 academic year. This study is a Classroom Action Research (CAR) conducted in two cycles, with data collection methods utilizing observation instruments, speaking practice tests, and documentation. Data were analyzed using qualitative descriptive techniques. The results showed that the use of AI Speech-to-Text-based learning media significantly improved student learning outcomes in descriptive texts from Cycle I to Cycle II. The final success rate reached 75%, meaning 30 students were declared to have passed the Minimum Mastery Criterion (KKM) of 78 within a score range of 78–100. These findings prove that the use of AI Speech-to-Text-based learning media is highly effective in improving students' speaking skills and learning outcomes in descriptive text speaking practice.

Keywords: AI Speech-to-Text, speaking skills, classroom action research.