

# **IDENTIFICATION OF HARDWARE AND SOFTWARE USED BY THE TEACHER IN THE ENGLISH CLASSROOM AT PRIVATE JUNIOR HIGH SCHOOLS IN NORTH BALI THE ACADEMIC YEAR 2024/2025**

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## **ABSTRAK**

Integrasi Teknologi Informasi dan Komunikasi (ICT) dalam pembelajaran Bahasa Inggris semakin berkembang, namun penerapannya pada Sekolah Menengah Pertama (SMP) swasta di wilayah dengan keterbatasan sumber daya masih memerlukan kajian lebih mendalam. Pada enam SMP swasta di Kabupaten Buleleng, Bali Utara, pemanfaatan ICT menunjukkan tingkat adaptasi pembelajaran yang beragam dan belum sepenuhnya mencerminkan integrasi digital yang komprehensif. Penelitian kualitatif deskriptif ini mengkaji penggunaan perangkat keras dan perangkat lunak oleh guru Bahasa Inggris dalam tahap perencanaan, pelaksanaan, dan evaluasi pembelajaran. Data dikumpulkan melalui kuesioner dan observasi kelas, kemudian dianalisis menggunakan model analisis kualitatif interaktif. Guru memanfaatkan perangkat keras seperti laptop, telepon pintar, perangkat proyeksi, akses internet, dan sistem audio, serta perangkat lunak berupa aplikasi presentasi, kamus daring, platform desain visual, media video, dan aplikasi kuis digital. Pemanfaatan teknologi tersebut mendukung pembelajaran yang lebih interaktif, khususnya dalam pengembangan kosakata dan keterampilan berbicara. Namun, integrasi ICT masih bersifat fungsional karena belum konsisten diterapkan dalam penilaian. Keterbatasan jaringan internet dan pelatihan profesional menjadi tantangan utama, sehingga penguatan infrastruktur dan pengembangan kompetensi guru diperlukan sebagai solusi peningkatan integrasi ICT di SMP swasta.

*Kata kunci:* TIK, Perangkat lunak, Perangkat keras, mengajar Bahasa Inggris, Sekolah menengah pertama swasta, Tantangan dan solusi.

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## **ABSTARCT**

The integration of Information and Communication Technology ICT has increasingly influenced the practice of Teaching English, yet its pedagogical application in Private junior high schools located in resource constrained areas requires closer examination. In six Private junior high schools in Buleleng, North Bali, ICT use reflects varying levels of instructional adaptation rather than comprehensive digital integration. This qualitative descriptive research investigated how English teachers utilize Hardware and Software in lesson preparation, classroom implementation, and assessment. Data were collected through questionnaires and classroom observations and interpreted using an interactive qualitative analysis framework. Teachers employ Hardware such as laptops, smartphones, projection devices, internet access, and audio systems, alongside Software including presentation tools, online dictionaries, visual design platforms, video media, and digital quiz applications. These technologies enhance interactive Teaching English practices, particularly in vocabulary and speaking development. However, ICT integration remains largely functional, as digital tools are not consistently embedded in assessment procedures. Unstable internet connectivity and limited professional training present key Challenges. Strengthened infrastructure and sustained teacher development are proposed as practical Solutions to improve ICT integration in Private junior high schools.

***Keywords:*** ICT, Hardware, Software, Teaching English, Private junior high schools, Challenge and Solution