

## ABSTRAK

**RANCANGAN MATERI PEMBELAJARAN SAKRAMEN BAPTIS  
BERDASARKAN *TECHNOLOGICAL PEDAGOGICAL CONTENT  
KNOWLEDGE* (TPACK) DALAM MATA PELAJARAN PENDIDIKAN  
AGAMA KATOLIK DAN BUDI PEKERTI DI SMP JOANNES BOSCO  
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Judul dalam penulisan skripsi ini dipilih oleh penulis karena proses pembelajaran di kelas masih menggunakan rancangan materi pembelajaran yang tercantum pada buku guru, meskipun materi pembelajaran dapat dirancang berdasarkan TPACK. Selain itu, penulis juga ingin mengetahui kualitas dari rancangan materi pembelajaran Sakramen Baptis berdasarkan TPACK dalam memfasilitasi peserta didik untuk mencapai kompetensi pembelajaran di kelas. Rancangan materi pembelajaran Sakramen Baptis berdasarkan TPACK merupakan suatu proses sistematis dan efektif untuk mengintegrasikan materi pembelajaran Sakramen Baptis dengan pedagogi ke dalam teknologi. Jenis penelitian yang digunakan adalah *Research and Development* (R&D), namun penulis hanya sampai pada tahap *Development*. Data yang diperoleh tentang gaya belajar peserta didik, menjadi acuan untuk merancang materi pembelajaran Sakramen Baptis berdasarkan TPACK di kelas. Rancangan materi pembelajaran Sakramen Baptis dibuat dalam bentuk video dengan bantuan AI, kemudian akan dilakukan uji coba terbatas terhadap peserta didik di sekolah. Teknik analisis yang digunakan adalah teknik analisis uji-t berpasangan (*paired t-test*) dan uji satu sampel (*one sample t-test*) dengan menggunakan bantuan program SPSS version 22.0. Adapun hasil uji-t berpasangan (*paired t-test*) untuk nilai tes dan sikap adalah  $0,000 < 0,05$ , maka  $H_0$  ditolak dan  $H_a$  diterima yang berarti terdapat perbedaan antara rata-rata hasil data *pre-test* dan *post-test*. Sedangkan hasil uji satu sampel (*one sample t-test*) untuk soal tindakan  $0,303 > 0,05$ , maka  $H_0$  diterima dan  $H_a$  ditolak yang berarti hasil belajar peserta didik mencapai nilai test value yang telah ditentukan.

Kata kunci: Sakramen Baptis, TPACK, Pendidikan Agama Katolik dan Budi Pekerti

**ABSTRACT****DESIGN OF BAPTISM SACRAMENT LEARNING MATERIALS BASED ON TECHNOLOGICAL PEDAGOGICAL CONTENT KNOWLEDGE (TPACK) IN THE SUBJECT OF CATHOLIC RELIGIOUS EDUCATION AND CHARACTER AT JOANNES BOSCO JUNIOR HIGH SCHOOL YOGYAKARTA**

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*The title of this thesis was chosen by the author because the learning process in the classroom still uses the learning material design listed in the teacher's book, even though learning materials can be designed based on TPACK. Additionally, the author wants to determine the quality of the Sacrament of Baptism learning material design based on TPACK in facilitating students to achieve learning competencies in the classroom. The Sacrament of Baptism learning material design based on TPACK is a systematic and effective process for integrating the Sacrament of Baptism learning materials with pedagogy into technology. The type of research used is Research and Development (R&D), but the author only reached the Development stage. Data obtained about students' learning styles were used as a reference for designing the Sacrament of Baptism learning materials based on TPACK in the classroom. The Sacrament of Baptism learning material design was created in the form of a video with the help of AI, and then limited trials were conducted with students at the school. The analysis techniques used were paired t-test and one-sample t-test using the SPSS version 22.0 program. The results of the paired t-test for test scores and attitudes were  $0.000 < 0.05$ , thus  $H_0$  was rejected and  $H_a$  was accepted, indicating a difference between the average pre-test and post-test data. Meanwhile, the results of the one-sample t-test for action questions were  $0.303 > 0.05$ , thus  $H_0$  was accepted and  $H_a$  was rejected, indicating that the students' learning outcomes reached the predetermined test value.*

**Keywords:** *Baptism Sacrament, TPACK, Catholic Religious Education and Character Education*