

ABSTRAK

Amelia, Y. 2022. *Analisis Kemampuan Technological Pedagogical Content Knowledge (TPACK) Guru Biologi SMA di Dabo Singkep.* Skripsi. Tanjungpinang: Jurusan Pendidikan Biologi, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Maritim Raja Ali Haji. Pembimbing I: Assist. Prof. Dr. Hj. Nevrita, M.Pd, M.Si. dan Pembimbing II: Assist. Prof. Elfa Oprasmani, S.Pd., M.Pd.

Kata kunci: Kemampuan TPACK, CK, PK, PCK, TPK, Guru biologi

Penelitian ini bertujuan untuk melihat kemampuan *Technological Pedagogical Content Knowledge* (TPACK) Guru Biologi SMA di Dabo Singkep. Penelitian ini merupakan penelitian deskriptif kuantitatif. Instrumen penelitian yang digunakan berupa lembar angket terbuka untuk melihat kemampuan TPACK serta menggunakan dokumen RPP sebagai dokumen pendukung angket terbuka. Data dianalisis menggunakan rumus persentase TPACK. TPACK pada penelitian ini dilihat dari empat aspek yaitu CK, PK, PCK dan TPK. Adapun hasil dari keempat aspek tersebut yaitu *Content Knowledge* (CK) 74% dengan kategori baik. *Pedagogical Knowledge* (PK) 83% dengan kategori sangat baik, *Pedagogical Content Knowledge* (PCK) 76% dengan kategori baik, dan *Technological Pedagogical Knowledge* (TPK) 76% dengan kategori baik. Hasil rata-rata persentase kemampuan *Technological Pedagogical Content Knowledge* (TPACK) guru biologi SMA di Dabo Singkep sebesar 77% dengan kategori baik. Kesimpulannya bahwa kemampuan TPACK guru biologi SMA di Dabo Singkep baik dan ke semua aspek kemampuan TPACK sudah dicapai guru biologi SMA di Dabo Singkep.

ABSTRACT

Amelia, Y. 2022. *Analysis of Technological Pedagogical Content Knowledge (TPACK) Ability of High School Biology Teacher In Dabo Singkep*. Thesis. Tanjungpinang: Department of Biology Education, Faculty of Teacher Training and Education, Raja Ali Haji Maritime University. Supervisor I: Assist. Prof. Dr. Hj. Nevrita, M.Pd, M.Si. and Supervisor II: Assist. Prof. Elfa Oprasmani, S.Pd., M.Pd.

Keywords: TPACK ability, CK, PK, PCK, TPK, Biology teacher.

This study aims to examine the ability of the Technological Pedagogical Content Knowledge (TPACK) Biology Teachers of SMA in Dabo Singkep. This research is quantitative descriptive. The research instrument used in the form of an open questionnaire to see the ability of TPACK and using the RPP document as a supporting document for the open questionnaire. The data were analyzed using the TPACK percentage formula. TPACK in this study is seen from four aspects, namely CK, PK, PCK and TPK. The results of these four aspects are Content Knowledge (CK) 74% with good category. Pedagogical Knowledge (PK) 83% with very good category, Pedagogical Content Knowledge (PCK) 76% with good category, and Technological Pedagogical Knowledge (TPK) 76% with good category. The average result of the Technological Pedagogical Content Knowledge (TPACK) ability percentage of high school biology teachers in Dabo Singkep is 77% with a good category. The conclusion is that the TPACK ability of high school biology teachers in Dabo Singkep is good and all aspects of TPACK's abilities have been achieved by high school biology teachers in Dabo Singkep.