EFEKTIVITAS MEDIA BERBASIS ICT TERHADAPTUGAS KKNI MAHASISWA MATA KULIAHBIOLOGISEL DI UNIVERSITASNEGERI MEDAN

Yuli Maulidya

(NIM : 4151141069)

ABSTRAK

Penelitian ini bertujuan untuk mengetahui keefektifan media berbasis ICT terhadap tugas KKNI mahasiswa pada mata kuliah biologi sel. Populasi dalam penelitianseluruh mahasiswa Pendidikan Biologi angkatan 2017 sebanyak 6 kelas. Sampel penelitian terdiri dari 2 kelas yang mengambil matakuliah Biologi Sel yaitu kelas C reguler 2017 (25 orang) dan kelas E reguler 2017 (28 orang). Instrumen pengumpulan data menggunakan angket efektivitas media berbasis ICT dan data dokumenter nilai enam tugas KKNI mata kuliah biologi sel tahun pelajaran 2018/2019. Metode yang digunakan deskriptif kuantitatif. Analisis data menggunakan persentase dan uji korelasi *product moment*. Hasil penelitian menunjukkan persentase rata-rata skor angket efektivitas media berbasis ICT terhadap tugas KKNI pada kriteria kesesuaian (73.87%); kemudahan (73.41%); kemenarikan (74.15%) yang termasuk kategori efektif. Sedangkan persentase rata-rata skor pada kriteria pemanfaatan sebesar 76.65% dengan kategori sangat efektif. Rata-rata nilai enam tugas mahasiswa pada mata kuliah biologi sel diantaranya (1) Tugas Rutin (90.66); (2)CBR (89.09); CJR (89.18); (4) Rekayasa Ide (90.09); (5) *Mini research* (91.66); dan (6) Tugas Proyek(91.92). Sedangkan korelasi antara efektivitas media berbasis ICT dan nilai enam tugas KKNI mempunyai tingkat hubungan sangat efektif yang berada pada rentang koefisien 0,99 – 1,00.

Kata kunci :Efektivitas, Media berbasis ICT, Tugas KKNI

THE EFFECTIVENESS ICT-BASED MEDIA OF TASK KKNI COLLEGE STUDENT IN STUDY CELL BIOLOGY AT MEDAN STATE UNIVERSITY

Yuli Maulidya
(NIM : 4151141069)

ABSTRACT

This study aims to determine the effectiveness of ICT-based media on student KKNI assignments in Cell Biology study. The population in the study were all 2017 Biology Education students as many as 6 classes. The study sample consisted of 2 classes that took Cell Biology courses namely regular C class 2017 (25 people) and regular E class 2017 (28 people). The instrument of data collection uses an ICT-based media effectiveness questionnaire and documentary data on the values of six KKNI assignments in cell biology in the 2018/2019 academic year. The method used is descriptive quantitative. Data analysis uses percentage and product moment correlation test. The results showed the percentage of the average effectiveness of ICT-based media questionnaire scores on KKNI assignments on conformity criteria (73.87%); convenience (73.41%); attractiveness (74.15%) which belongs to the effective category. While the average percentage score on utilization criteria is 76.65% with a very effective category. The average score of six student assignments in cell biology courses includes (1) Routine Tasks (90.66); (2) CBR (89.09); CJR (89.18); (4) Idea Engineering (90.09); (5) Mini research (91.66); and (6) Project Tasks (91.92). Whereas the correlation between the effectiveness of ICT-based media and the six-task value of the KKNI has a very effective level of relationship in the coefficient range of 0.99 - 1.00.

Keywords: Effectiveness, ICT-based media, Task of KKNI