

ABSTRAK

Jeni Fransiska br. Bukit. Nim 4173141034 (2021). Efektivitas Pembelajaran Daring Mahasiswa Pendidikan Biologi FMIPA UNIMED pada Matakuliah Mikroteknik selama Periode Pandemi COVID-19 2020.

Penelitian ini bertujuan untuk mengetahui cara dosen menyelenggarakan pembelajaran daring, efektivitas pembelajaran daring dan kendala yang dialami mahasiswa selama pembelajaran daring. Penelitian ini menggunakan metode survei, jenis penelitian campuran yaitu kuantitatif untuk mengetahui efektivitas pembelajaran daring dan kualitatif untuk mengetahui cara dosen menyelenggarakan pembelajaran daring serta kendala mahasiswa selama pembelajaran daring. Responden penelitian berjumlah 148 mahasiswa. Hasil penelitian menunjukkan metode pembelajaran yang digunakan dosen yaitu penugasan kelompok (35,5%), penugasan individu (31,8%), *teleconference* dan kuis (21,7%) dan *teleconference* (11%) dengan menggunakan aplikasi yaitu *zoom meeting* (32,5%), SIPDA (26%), WA Grup (25,7%) dan *google classroom* (15,8%). Bentuk materi pembelajaran yang disajikan dosen yaitu dengan *powerpoint* (38,3%), bahan bacaan/artikel atau jurnal (33,4%), video pembelajaran (14,3%) dan *e-book* (14%). Pembelajaran daring mahasiswa pendidikan biologi FMIPA Unimed matakuliah mikroteknik termasuk efektif (72,86%). Berdasarkan kompetensi predikat Rektor Unimed, kompetensi yang dicapai nilai kelas A sampai kelas E termasuk kompeten dengan nilai rata-rata 87,11. Untuk mengetahui hubungan efektivitas pembelajaran daring dengan nilai mahasiswa dilakukan uji regresi. Hasil yang diperoleh yaitu F_{hitung} ($0,35 < F_{tabel}$ (1,48) yang berarti terdapat hubungan yang linier antara efektivitas dengan nilai mahasiswasehingga semakin tinggi efektivitas maka semakin tinggi nilai hasil belajar. Kendala yang dialami mahasiswa selama pembelajaran daring yaitu menghabiskan banyak kuota (53%), kesehatan menurun (22,70%), tidak ada uang membeli paket (18,2%) dan tidak ada alat elektronik (6,1%).

Kata Kunci: Pembelajaran daring, efektivitas, kendala pembelajaran daring



ABSTRACT

Jeni Fransiska br. Bukit. Nim 4173141034 (2021). The Effectiveness of Online Learning of Unimed's Faculty of Mathematics And Natural Science Education Students in Microtechnic Subject During The COVID-19 2020 Pandemic Period

This study was aimed to find out how lecturers organize online learning, the effectiveness of online learning and the obstacles experienced by students during online learning. This study uses a survey method, a mixed type of research, namely quantitative to determine the effectiveness of online learning and qualitative to find out how lecturers organize online learning and student obstacles during online learning. Research respondents amounted to 148 students. The results showed that the learning methods used by the lecturers were group assignments (35.5%), individual assignments (31.8%), teleconferences and quizzes (21.7%) and teleconferences (11%) using an application, namely zoom meeting (32.5%), SIPDA (26%), WA Group (25.7%) and google classroom (15.8%). The forms of learning materials presented by lecturers are powerpoint (38.3%), reading materials/articles or journals (33.4%), learning videos (14.3%) and e-books (14%). Online learning for biology students, FMIPA Unimed, for microtechnical subjects is effective (72.86%). Based on the competence of the Unimed Chancellor predicate, the competencies achieved by grades A to grade E are considered competent with an average score of 87.11. To determine the relationship between the effectiveness of online learning and student scores, a regression test was conducted. The results obtained are $F_{count} (0.35 < F_{table} (1.48))$ which means that there is a linear relationship between effectiveness and student scores, so the higher the effectiveness, the higher the learning outcomes. Constraints experienced by students during online learning are spending a lot of quota (53%), decreased health (22.70%), no money to buy packages (18.2%) and no electronic equipment (6.1%).

Keywords: Online learning, effectiveness, online learning constraints

