ABSTRAK

Roberi Sepda Fian Sinaga. (8186174010). Keterkaitan Gaya Belajar, Kemandirian Belajar, Keterampilan Digital dengan Hasil Belajar dan Sikap Ilmiah pada Perkuliahan Mikrobiologi Unimed di Masa New Normal. Tesis. Medan: Program Pascasarjana Universitas Negeri Medan, 2021.

Masalah yang terdapat adalah mahasiswa belum mengoptimalkan gaya belajarnya pada pembelajaran daring, belum menunjukkan kemandirian dalam belajar, belum terbiasa menggunakan media digital untuk pembelajaran daring/virtual dan sikap ilmiah belum optimal dilaksanakan oleh mahasiswa. Penelitian ini bertujuan untuk mengetahui keterkaitan gaya belajar, kemandirian belajar, keterampilan digital terhadap hasil belajar dan sikap ilmiah pada perkuliahan mikrobiologi mahasiswa jurusan Biologi FMIPA semester III Universitas Negeri Medan di masa *new normal*. Jenis penelitian ini berupa deskriptif. Metode penelitian yang digunakan adalah *ex-postfacto* dengan populasi terdiri dari 6 kelas dan sampel diambil 3 kelas. Teknik pengambilan sampel adalah *random sampling* yaitu sebanyak 60 mahasiswa mendapatkan perlakukan secara acak untuk memberikan respon terhadap instrumen. Instrumen penelitian berbentuk angket berbasis *google formulir*, yang memuat masing-masing karakteristik gaya belajar, kemandirian belajar, keterampilan digital dengan hasil belajar dan sikap ilmiah. Hasil dalam penelitian ini adalah gaya belajar mahasiswa pada perkuliahan mikrobiologi tergolong gaya belajar visual kategori baik dengan rata-rata 66%, kemandirian belajar mahasiswa tergolong cukup dengan rata-rata 50%, keterampilan digital tergolong kurang dengan rata-rata 26%, serta terdapat pengaruh antara gaya belajar dengan hasil belajar sebesar 12,5%; terdapat pengaruh antara kemandirian belajar dengan hasil belajar sebesar 23,7%; terdapat pengaruh antara keterampilan digital dengan hasil belajar sebesar 25,5%; terdapat pengaruh anrara gaya belajar dengan sikap ilmiah sebesar 12,8%; terdapat pengaruh kemandirian belajar dengan sikap ilmiah sebesar 37,3%; terdapat pengaruh antara keterampilan digital dengan sikap ilmiah sebesar 27,2%.

Kata Kunci: *Gaya Belajar, Kemandirian Belajar, Keterampilan Digital, Hasil Belajar, Sikap Ilmiah, Mikrobiologi*.

ABSTRACT

Roberi Sepda Fian Sinaga. (8186174010). The Relationship of Learning Styles, Independent Learning, Digital Skills with Learning Outcomes and Scientific Attitudes in Microbiology Lectures of FMIPA Unimed in the New Normal Period. Thesis. Medan: Postgraduate Program, State University of Medan, 2021.

The problems that exist are that students have not optimized their learning styles in online learning, have not shown independent learning, are not accustomed to using digital media for online/virtual learning and scientific attitudes have not been optimally implemented by students. This study aims to determine the relationship between learning styles, independent learning, digital skills on learning outcomes and scientific attitudes in microbiology lectures for students majoring in Biology, FMIPA semester III, State University of Medan in the new normal period. This type of research is descriptive. The research method used is ex-postfacto with a population consisting of 6 classes and samples taken 3 classes. The sampling technique was random sampling, in which 60 students were randomly treated to respond to the instrument. The research instrument is in the form of a google form-based questionnaire, which contains the respective characteristics of learning styles, learning independence, digital skills with learning outcomes and scientific attitudes. The results in this study were students 'learning styles in microbiology lectures was good visual learning styles with an average of 66%, students' learning independence was sufficient with an average of 50%, digital skills was lacking with an average of 26%, and there was an influence. between learning styles and learning outcomes of 12.5%; there was an influence between independent learning and learning outcomes of 23.7%; there was an influence between digital skills and learning outcomes by 25.5%; there was an influence between learning styles and scientific attitudes of 12.8%; there was an effect of independent learning with a scientific attitude of 37.3%; there was an influence between digital skills and scientific attitudes of 27.2%.

Keyword: *Learning Style, Independent Learning, Digital Skills, Learning Outcomes, Scientific Attitude, Microbiology Course.*