

ABSTRAK

SARIYANI KUDADIRI. 8186174015: Pengembangan Buku Nonteks Keanekaragaman Tumbuhan Obat oleh Masyarakat Suku Pakpak. Tesis. Medan: Program Pascasarjana Universitas Negeri Medan. 2022.

Penelitian ini bertujuan untuk menghasilkan produk buku nonteks keanekaragaman tumbuhan obat masyarakat Suku Pakpak yang efektif untuk digunakan mahasiswa yang mempelajari mata kuliah Etnobotani. Subjek penelitian ini adalah masyarakat Suku Pakpak dan mahasiswa Program Studi Biologi di Universitas Negeri Medan. Jenis penelitian ini adalah penelitian dan pengembangan (R&D), dengan model pengembangan Thiagarajan (4D) yang terdiri atas tahap pendefinisian, perancangan, pengembangan, dan penyebaran. Buku nonteks yang telah dikembangkan divalidasi berdasarkan penilaian materi, yang memperoleh nilai rata-rata sebesar 84,76% dengan predikat sangat baik, tergolong kategori layak. Validasi aspek bahasa memperoleh nilai rata-rata sebesar 86,00% dengan predikat sangat baik, tergolong kategori layak. Validasi desain grafis memperoleh nilai rata-rata sebesar 88,47% dengan predikat sangat baik, tergolong kategori layak. Validasi desain pembelajaran memperoleh rata-rata nilai sebesar 96,67% dengan predikat sangat baik, tergolong kategori layak. Hasil uji coba buku secara terbatas kepada 24 orang memperoleh nilai rata-rata sebesar 90,00% dan tergolong kategori layak. Tanggapan dosen pengampu terhadap buku nonteks memperoleh rata-rata nilai sebesar 90,00% dengan kategori layak. Hasil uji t nilai *pretest* dan *posttest* memperoleh nilai t_{hitung} (2,509) > t_{tabel} (1,681) menunjukkan beda nyata, dimana H_0 ditolak dan H_a diterima pada taraf kepercayaan 95,00%. Hasil penggunaan buku memperoleh rata-rata nilai gain sebesar 63,67% dengan kategori cukup efektif.

Kata kunci : buku nonteks, tumbuhan obat, penelitian pengembangan, keanekaragaman.



ABSTRACT

SARIYANI KUDADIRI. 8186174015: Non- Text Book Development of Medicinal Plants by the Pakpak Ethnic. Thesis. Medan: Postgraduate Program. State University of Medan, July 2022.

This study aims to produce a non-text book product of the diversity of medicinal plants of the Pakpak Ethnic that is effective for use by students studying Ethnobotany. The subjects of this study were the Pakpak community and students of the Biology Study Program at the State University of Medan. This type of research is research and development (R&D), with the Thiagarajan (4D) development model consisting of the stages of definition, design, development, and dissemination. The non-text book is validated based on the assessment of the material, which gets an average score of 84.76% with a very good predicate, classified as a decent category. The validation of the language aspect obtained an average value of 86.00% with a very good predicate, classified as a decent category. Graphic design validation obtained an average value of 88.47% with a very good predicate, classified as a decent category. The validation of the learning design obtained an average score of 96.67% with a very good predicate, classified as a decent category. The results of the book trial limited to 24 people obtained an average score of 90.00% and were categorized as feasible. The supporting lecturer's response to non-text books obtained an average score of 90.00% with a decent category. The results of the t-test, the pretest and posttest values obtained a value $t\text{-count}(2,509) > t\text{-table}(1.681)$ shows a significant difference, where H_0 is rejected and H_a is accepted at the 95.00% confidence level. The results of using the book obtained an average gain value of 63.67% with a fairly effective category.

Keywords: non-text books, medicinal plants, research and development, diversity.

