

PENGEMBANGAN DAN PENILAIAN MODUL PEMBELAJARAN BERDASARKAN MODEL KISMAN UNTUK MENINGKATKAN PEDAGOGICAL CONTENT KNOWLEDGE MAHASISWA CALON GURU KIMIA

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ABSTRACT

Inquiry-based learning (IBL) will be more effective as guided inquiry. Guidance that adopts the Zone of Proximal Development should consider to the educational culture in which the student develops. For this reason, a learning model that integrates scaffolding techniques and educational culture in Indonesia. KISMAN model (Know, Initiate, Support, Motivate, Attend, Nurture) was synthesized theoretically. The developed model needs supporting learning materials, one of which is a module. This study aims to develop the learning modules. This research was conducted in several steps, namely needs analysis, qualitative analysis and instrument development, validation, module assessment and analysis, and final revision. From the results of the qualitative analysis, modules were developed and assessed using three categories, namely instructional design, technical design, and content. The results of the module assessment show that the module gets the excellent category (NA = .287.20, Mi = 204, SDi = 45.33). This means that the module can be used as a learning resource in teaching and learning without any significant changes

Kata Kunci: *training modul, design research, inquiry, scaffolding, chemistry teacher*