

ABSTRAK

Ade Restanti Wardah. NIM 4191131035 (2023). Pengembangan Bahan Ajar Terintegrasi Keterampilan Generik Sains (KGS) Pada Materi Laju Reaksi

Penelitian ini merupakan penelitian pengembangan yang memiliki tujuan untuk menghasilkan produk berupa Bahan Ajar terintegrasi Keterampilan Generik Sains (KGS) yang sudah valid dari segi penyajian materi maupun konten media. Jenis penelitian yang digunakan adalah Research and Development (R&D), mengacu pada model 4-D yang dilakukan melalui 4 tahap, yaitu Pendefinisian, Perancangan, Pengembangan, dan Penyebaran. Subjek pada penelitian ini yaitu dosen ahli media, dosen ahli materi, guru mata pelajaran kimia dan siswa Kelas XII IPA 1 MAN Simalungun Semester Ganjil TA 2022/2023. Data penelitian ini diperoleh melalui observasi, dan penyebaran instrument non tes berupa angket. Hasil penelitian ini menunjukkan bahwa produk Bahan Ajar Terintegrasi Keterampilan Generik Sains (KGS) valid, menarik, bermanfaat, dan efektif untuk meningkatkan keterampilan generik sains siswa.

Kata kunci: keterampilan generik sains, bahan ajar, laju reaksi.



ABSTRACT

Ade Restanti Wardah, NIM 4191131035 (2023). Development Of Teaching Materials Integrated Generic Science Skills (GSS) On Material Reaction Rate.

This research is a development research which aims to produce a product in the form of Teaching Materials integrated with Generic Science Skills (KGS) which are valid in terms of material presentation and media content. The type of research used is Research and Development (R&D), referring to the 4-D model which is carried out through 4 stages, namely Defining, Designing, Developing, and Deployment. The subjects in this study were media expert lecturers, subject matter expert lecturers, chemistry subject teachers and students of Class XII IPA 1 MAN Simalungun Odd Semester Academic Year 2022/2023. The research data was obtained through observation and the distribution of non-test instruments in the form of questionnaires. The results of this study indicate that the Integrated Generic Science Skills (KGS) Teaching Material product is valid, interesting, useful, and effective for improving students' generic science skills..

Key Words: science generic skills, teaching materials, reaction rates.

