# ABSTRAK

**Adella Vinolita Haloho, 4213331013 (2025). Pengaruh Model Pembelajaran *Discovery Learning* Berbantuan Media iSpring Presenter Terhadap Kemampuan HOT Literasi Kimia Siswa Pada Materi Laju Reaksi**.

Penilitian ini bertujuan untuk mengetahui pengaruh model pembelajaran *discovery learning* berbantuan media iSpring presenter lebih besar dari model konvensional terhadap kemampuan HOT literasi kimia siswa dan aspek kemampuan HOT literasi yang terkembangkan. Populasi dalam penelitian ini adalah kelas XI Fase F SMA Negeri 1 Silimakuta yang berjumlah 7 kelas. Sampel penelitian adalah siswa kelas XI 3 dan XI 7 yang masing-masing berjumlah 30 orang. Penelitian menggunakan instrumen tes sebanyak 18 butir soal pilihan berganda. Uji hipotesis menggunakan uji t pihak kanan dengan hasil penelitian diperoleh nilai $t_{hitung} > t_{tabel}$ (2,666 > 2,002) artinga $H_a$ diterima dan $H_0$ ditolak, yang berarti pengaruh penggunaan model *discovery learning* berbantuan media iSpring Presenter terhadap penggunaan model *discovery learning* berbantuan media iSpring Presenter terhadap kemampuan HOT literasi kimia siswa lebih besar daripada penggunaan model konvensional pada materi laju reaksi dengan nilai *N-gain* pada kelas eksperimen sebesar 0,73 (72,86%) dan nilai *N-gain* pada kelas kontrol 0,62 (61,71%). Selanjutnya, aspek kemampuan HOT literasi yang terkembangkan melalui model *discovery learning* berbantuan media iSpring Presenter diperoleh pada Penalaran C5 dengan persentase sebesar 86,60% pada materi laju reaksi

**Kata kunci** : Model *Discovery Learning*, Media iSpring Presenter, HOT Literasi, Laju Reaksi

# ABSTRACT

**Adella Vinolita Haloho, 4213331013 (2025). The Effect of Discovery Learning Model Assisted by iSpring Presenter Media on Students' HOT Chemistry Literacy Ability in Reaction Rate Material.**

This study aims to determine the effect of the discovery learning model assisted by iSpring presenter media is greater than the conventional model on students' HOT chemistry literacy ability and the aspects of HOT literacy ability that are developed. The population in this study was class XI Phase F of SMA Negeri 1 Silimakuta which consists of 7 classes. The research sample was students in class XI 3 and XI 7, each numbering 30 people. The study used a test instrument of 18 multiple-choice questions. Hypothesis testing using the right-sided t-test with the results of the study obtained a value of t count > t table (2.666 > 2.002) meaning that Ha is accepted and H0 is rejected, which means that the effect of using the discovery learning model assisted by iSpring Presenter media on the use of the discovery learning model assisted by iSpring Presenter media on students' HOT chemical literacy abilities is greater than using conventional models on the reaction rate material with an N-gain value in the experimental class of 0.73 (72.86%) and an N-gain value in the kontrol class of 0.62 (61.71%). Furthermore, the aspect of HOT literacy abilities developed through the discovery learning model assisted by iSpring Presenter media was obtained at C5 reasoning with a percentage of 86.60% on the reaction rate material

**Keywords:** Discovery Learning Model, iSpring Presenter Media, HOT Literacy, Reaction Rate