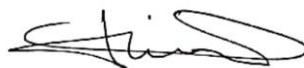


Thesis:

**Development of Electronic Module Using 3D Pageflip Professional
on Reaction Rate Material**

Name : Auliya Rahman
IDN : 4183131032
Study Program : Bilingual Chemistry Education
Department : Chemistry

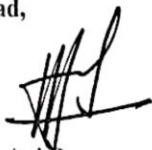
Approval:
Thesis Supervisor,



Dr. techn Marini Damanik, S.Si., M.Si
IDN. 19771026 200812 2 001

Acknowledge:

Chemistry Department
Head,



Dr. Ayi Darmana, M.Si
IDN. 19660807 199010 1 001

Bilingual Program
Coordinator,



Dr. Ely Djulia, M.Pd
IDN. 19660724 199103 2 012

FMIPA Unimed
Dean,



Prof. Dr. Fauziyah Harahap, M.Si
IDN. 19660728 199103 2 002

Graduated: July 26th, 2023

ORIGINALIZATION STATEMENT SHEET

I state in fact that this thesis is my effort, and all sources, both quoted and referenced in the manuscript, have been correctly stated in the citation sources and references.

If in the future it is known and can be proven that it turns out that in this thesis there are elements of copyright or plagiarism, then I am willing if this thesis is canceled and processed by the prevailing laws and regulations (UU No. 22 Tahun 2003, pasal 25 ayat 2 dan pasal 70).

Medan, July 26th, 2023

Stated,



Auliya Rahman

IDN. 4183131032

PUBLICATION APPROVAL SHEET

As an academic community of Universitas Negeri Medan, I signed below:

Name : Auliya Rahman
ID Number : 4183131032
Study Program : Bilingual Chemistry Education
Faculty : Mathematics and Natural Sciences
Types of Writing : Thesis

for the sake of the knowledge development, agreed to grant to Universitas Negeri Medan Non-exclusive Royalty-Free Right for my writing entitled: Development of Electronic Module Using 3D Pageflip Professional on Reaction Rate Material. With this Non-exclusive Royalty-Free Rights, Universitas Negeri Medan has the right to store, transfer/format, manage in the form of databases, maintain, and publish my thesis as long as it still lists my name as author and as the copyright owner.

Thus, this statement I made in fact to be used properly.

Created in : Medan

On the date : July 26th, 2023

Stated,



THE
Character Building
UNIVERSITY

Auliya Rahman

IDN. 4183131032

BIOGRAPHY



Auliya Rahman, an author of this thesis entitled Development of Electronic Module Using 3D Pageflip Professional on Reaction Rate Material, was born in Panyabungan on May 11th, 1999. The author is the eighth of nine children of Alm. H. Syamsuddin Nasution and Hj. Nur Hasanah Tanjung. The author started his formal education at TK Bhayangkari Panyabungan and graduated in 2007, after that continued to SDN 088 Panyabungan and graduated in 2013. After graduating from elementary school, the writer continued his education at SMPN 2 Panyabungan and graduated in 2015. Then, continued to the higher school and being in science department for 3 years from 2015 to 2018 at SMAN 2 Plus Panyabungan. In 2018, the author was accepted as one of the students in the Bilingual Chemistry Education Study Program, Faculty of Mathematics and Natural Sciences, Universitas Negeri Medan. On July 26th, 2023, it was declared that he had passed the thesis examination and was entitled to use a Sarjana Pendidikan (S.Pd) degree.

UNIVERSITAS NEGERI MEDAN
UNIMED
THE
Character Building
UNIVERSITY