Thesis:

The Development of Mathematics Learning Module Based on Project Based Learning Using Augmented Reality to Improve the Conceptual Understanding Ability

Name	: Lulu Luqyana Ariqah
IDN	: 4213111008
Study Program	: Bilingual Mathematics Education
Department	: Mathematics

Approval:
Thesis Supervisor,

Prof. Dian Armanto, M.Pd., M.A, M.Sc., Ph.D
NIP. 196310111988031001

Acknowledge:

Faculty MIPA Unimed
Dean,

Dr. Ani Sutiani, M.Si
NIP. 196807301992032001

Mathematics Department
Head,

Dr. Hamidah Nasution, M.Si
NIP. 196707061995122001

Date of Graduated: 16th December 2025

DECLARATION OF ORIGINALITY

I hereby declare that this thesis is my work, and all sources, both quoted and referenced in the manuscript, have been properly acknowledged in the citations and bibliography. If at any time it is found and proven that this thesis contains elements of plagiarism, I am willing to have this thesis cancelled and processed under applicable laws and regulations (Law No. 20 of 2003, Article 25, Paragraph 2, and Article 70).

Medan, 11th January 2026



Lulu Luqyana Ariqah
NIM. 4213111008

UNIVERSITAS NEGERI MEDAN
UNIMED
THE Character Building UNIVERSITY

THESIS PUBLICATION APPROVAL PAGE
FOR ACADEMIC PURPOSES

As an academic member of Universitas Negeri Medan, I, the undersigned:

Name : Lulu Luqyana Ariqah
IDN : 4213111008
Study Program : Mathematics Bilingual Education
Faculty : Faculty of Mathematics and Natural Sciences
Type of Work : Undergraduate Thesis

For the advancement of knowledge, I hereby grant Universitas Negeri Medan a Non-exclusive Royalty-Free Right to my scholarly work entitled:

"The Development of Mathematics Learning Module Based on Project Based Learning Using Augmented Reality to Improve the Conceptual Understanding Ability"

along with any related materials (if necessary). With this Non-exclusive Royalty-Free Right, Universitas Negeri Medan is entitled to store, convert media/formats, manage the work in a database, maintain, and publish my thesis, while ensuring that my name is credited as the author/creator and copyright holder.

This statement is made truthfully and is intended to be used as appropriate.

Written in : Medan
On date : 11th January 2026
Declarant,



Lulu Luqyana Ariqah
IDN. 4213111008