

THESIS APPROVAL SIGNATURE

It is hereby declared that::

Student Name : Bala Muhammad Muhammad

Student Number : 2420438001

Program of Study : Master of Mathematics

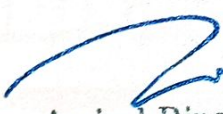
Thesis Title : Stability and Bifurcation Analysis of a Bird Flu Model
with Vaccination in a Poultry Farm

This thesis has been examined and defended in the final examination of the Master's Program in Mathematics, Department of Mathematics and Data Science, Faculty of Mathematics and Natural Sciences, Andalas University, and was declared to have passed on 16th April, 2026.

Agree,

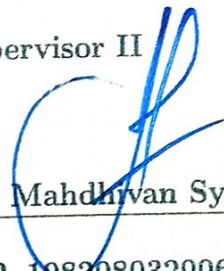
1. Advisory Committee

Supervisor I


Dr. Arrival Rince Putri

NIP. 197804262005012003

Supervisor II


Dr. Mahdhirvan Syafwan

NIP. 198208032006041001

2. Head of Department


Prof. Dr. Dodi Devianto

NIP. 197712312000121002

3. head of the study program


Dr. Arrival Rince Putri

NIP.197804262005012003

