



UNIVERSITAS  
GADJAH MADA

**The Role of Natural Human Behaviour in Train Evacuation Simulations – A Classroom-based Simulation**

Nintasha Prahastuti R.R.H.W., Prof. Dr. Techn. Ir. Danang Parikesit, M.Sc. (Eng)., IPU., APEC.Eng;Dr. Ir. Dewanti, M

Universitas Gadjah Mada, 2025 | Diunduh dari <http://etd.repository.ugm.ac.id/>

# **THE ROLE OF NATURAL HUMAN BEHAVIOUR IN TRAIN EVACUATION SIMULATIONS – A CLASSROOM-BASED SIMULATION**

## **THESIS**

The thesis is submitted in partial fulfillment of the requirements for degree of the Master of Science (M.Sc.) at Master Programme in Transport System and Engineering



**NINTASHA PRAHASTUTI RINDU R.H.W.  
23/524874/PTK/15280**

**MASTER PROGRAMME  
PROGRAMME IN TRANSPORT SYSTEM AND ENGINEERING  
DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING  
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**APPROVAL SHEET**



The Supervisor Team approves the thesis

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by:

**Nintasha Prahastuti Rindu R.H.W.**

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**ACKNOWLEDGEMENT SHEET**

TESIS

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The thesis has been examined and defended in front of the Board of Examiners  
on December 19th, 2025.

**Supervisor:**

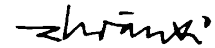
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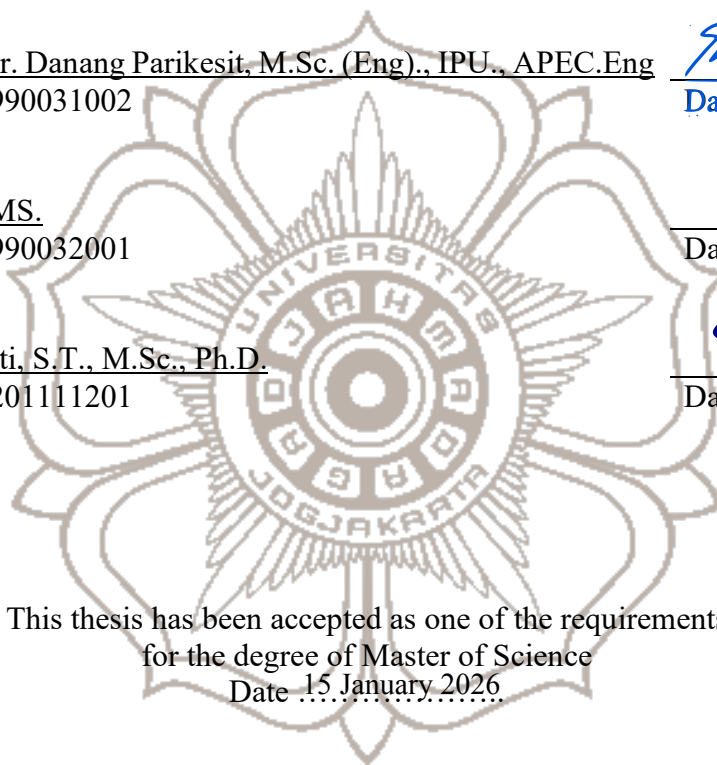
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This thesis has been accepted as one of the requirements  
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Date 15 January 2026.

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