

WATER QUALITY MONITORING SYSTEM IN BIOFLOC-BASED NILE TILAPIA AQUACULTURE USING INTERNET OF THINGS AND MAMDANI FUZZY LOGIC

SKRIPSI



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SKRIPSI

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Diterima oleh Panitia Ujian Fakultas Teknik dan Kejuruan
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guna memenuhi syarat-syarat untuk mencapai gelar Sarjana Komputer

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PREFACE

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The author realizes that this undergraduate thesis is far from perfect due to limited knowledge and experience. Therefore, constructive criticism and suggestions are highly expected for the improvement of this research. Finally, the author hopes that this undergraduate thesis will provide meaningful contributions and benefits for academic development, the aquaculture industry, and the readers.

Singaraja, 7 August 2026



Author

STATEMENT OF AUTHENTICITY

I hereby declare that this academic work entitled "**Water Quality Monitoring System in Biofloc-Based Nile Tilapia Aquaculture Using Internet of Things and Mamdani Fuzzy Logic**" and all its contents are truly my own work, and I have not committed plagiarism or cited in ways inconsistent with the ethics prevailing in the academic community. I am prepared to bear any risk/sanction imposed on me if violations of academic ethics are found in this work, or if there are claims against its authenticity.



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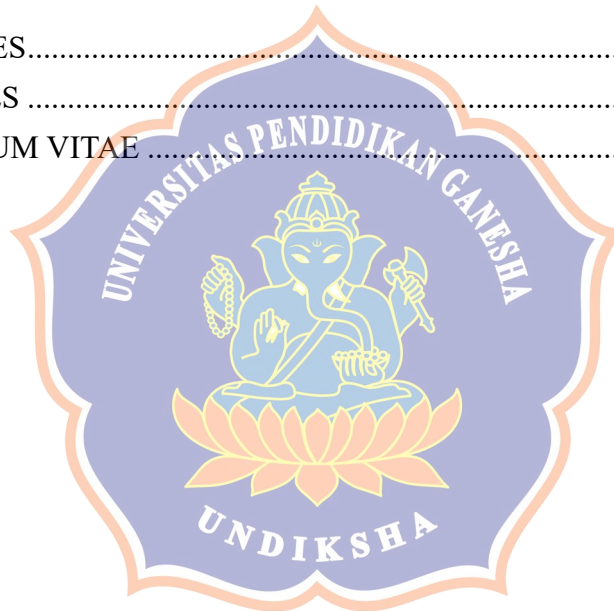
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