

AI-DRIVEN PREDICTION OF WATER QUALITY TRENDS IN BIOFLOC AQUACULTURE SYSTEMS FOR SUSTAINABLE NILA (OREOCHROMIS SPP.) CULTIVATIONS

SKRIPSI



**PROGRAM STUDI ILMU KOMPUTER (S1)
JURUSAN TEKNIK INFORMATIKA
FAKULTAS TEKNIK DAN KEJURUAN
UNIVERSITAS PENDIDIKAN GANESHA**



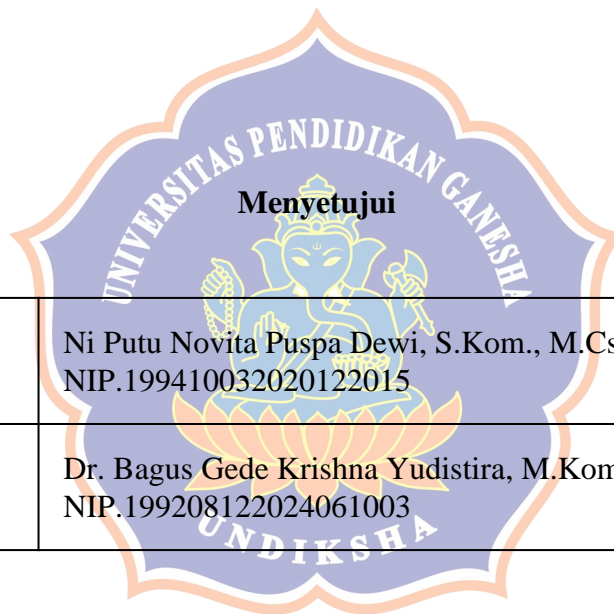
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Diterima oleh Panitia Ujian Fakultas Teknik dan Kejuruan
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guna memenuhi syarat-syarat untuk mencapai gelar Sarjana Komputer

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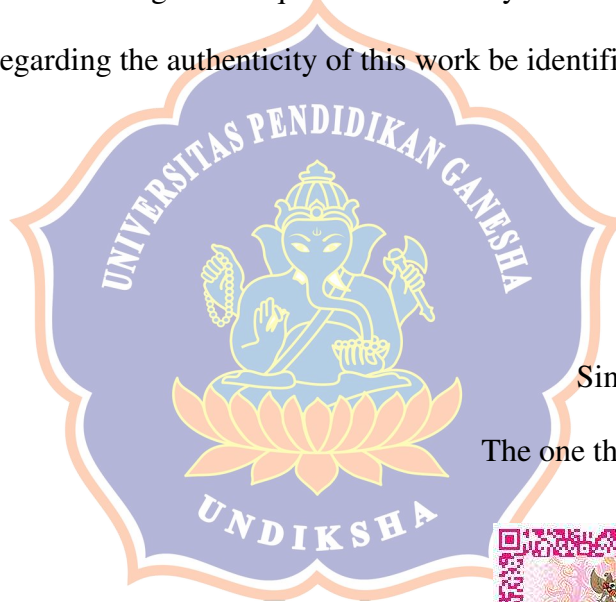
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DECLARATION

I hereby declare that the work entitled “**AI-DRIVEN PREDICTION OF WATER QUALITY TRENDS IN BIOFLOC AQUACULTURE SYSTEMS FOR SUSTAINABLE NILA (OREOCHROMIS SPP.) CULTIVATIONS**” is entirely my own original research and has been prepared without any form of plagiarism or unethical citation practices that contravene accepted academic standards. I further acknowledge that I bear full responsibility and am willing to accept any academic or legal consequences should any breach of scientific integrity or questions regarding the authenticity of this work be identified in the future.



Singaraja, May 25 2026

The one that makes a statement



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PREFACE

First and foremost, the author would like to express gratitude to God Almighty for His blessings and guidance, which made it possible to complete this thesis entitled “**AI-DRIVEN PREDICTION OF WATER QUALITY TRENDS IN BIOFLOC AQUACULTURE SYSTEMS FOR SUSTAINABLE NILA (OREOCHROMIS SPP.) CULTIVATIONS**”. This thesis is submitted as a partial fulfillment of the requirements for obtaining a Bachelor’s degree in Computer Science in the Computer Science Study Program, Faculty of Engineering and Vocational, Universitas Pendidikan Ganesha.

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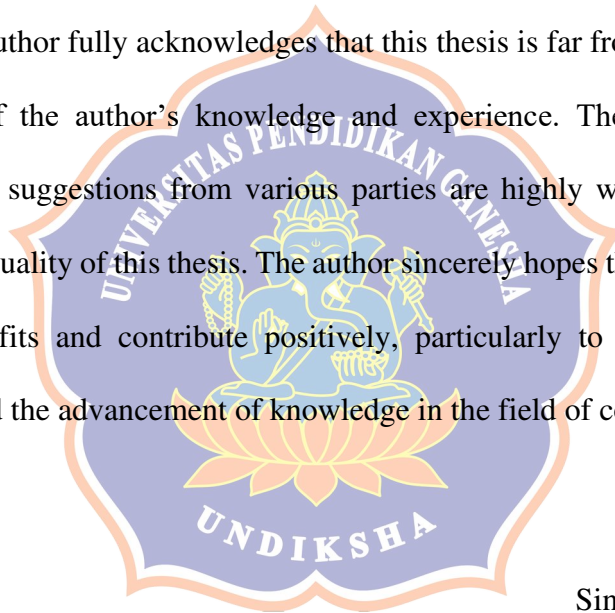
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Singaraja, May 25 2026

A handwritten signature in black ink, consisting of a large, stylized 'C' followed by a vertical line and a small flourish at the bottom.

Author

Cindy Hapsari

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