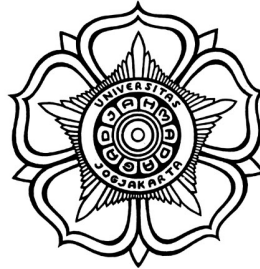


**UNDERGRADUATE THESIS**

**HANDLING IMBALANCED DATA USING FEW-SHOT LEARNING AND  
GENETIC ALGORITHM IN BRAIN TUMOR DETECTION BASED ON  
BRAIN MAGNETIC RESONANCE IMAGING IMAGES**



Anak Agung Gde Yogi Pramana  
22/496666/PA/21350

**ELECTRONICS AND INSTRUMENTATION STUDY PROGRAM  
DEPARTEMENT OF COMPUTER SCIENCE AND ELECTRONICS  
FACULTY OF MATHEMATICS AND NATURAL SCIENCE  
UNIVERSITAS GADJAH MADA  
YOGYAKARTA**

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Submitted to fulfill one of the requirements for obtaining a  
Bachelor of Science in Electronics and Instrumentation



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SKRIPSI

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Telah dipersiapkan dan disusun oleh

Anak Agung Gde Yogi Pramana (IUP)

22/496666/PA/21350

Telah dipertahankan di depan Tim Penguji

pada tanggal 26 Mei 2025

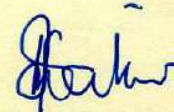
Susunan Tim Penguji

Mengetahui,  
a.n. Dekan FMIPA UGM  
Wakil Dekan Bidang Pendidikan, Pengajaran  
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