



**UNDERGRADUATE THESIS**

**STRESS LEVEL PREDICTION BASED ON  
SLEEP CONDITIONS USING *RANDOM  
FOREST AND XGBOOST METHODS***

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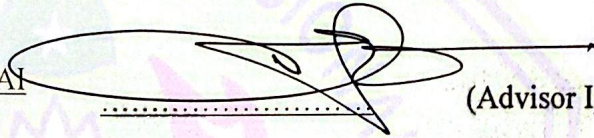
### STRESS LEVEL PREDICTION BASED ON SLEEP CONDITIONS USING *RANDOM FOREST* AND *XGBOOST* METHODS

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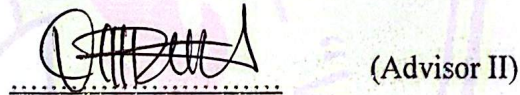
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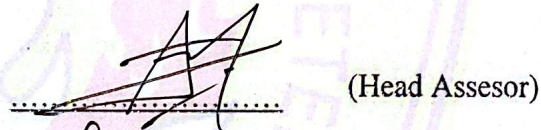
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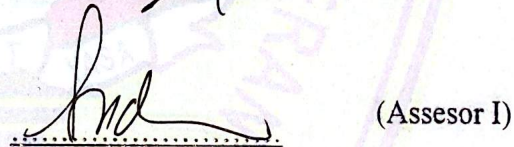
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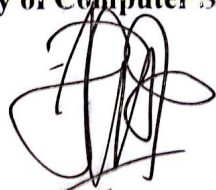
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### **STRESS LEVEL PREDICTION BASED ON SLEEP CONDITIONS USING *RANDOM FOREST* AND *XGBOOST* METHODS**

This is truly my own intellectual work, completed without the use of unauthorized materials, and is not the work of another party, which I acknowledge as my own. All references cited or referred to have been fully documented in the bibliography. If this statement proves to be untrue, I am willing to accept sanctions in accordance with applicable regulations.

Surabaya, May 18, 2026

Who make a statement,



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