

**ANALYSIS OF PADANG CITY COMMUNITY
PREPAREDNESS TO FACE EARTHQUAKE AND TSUNAMI
DISASTER**

A THESIS

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In Civil Engineering Department – Faculty of Engineering

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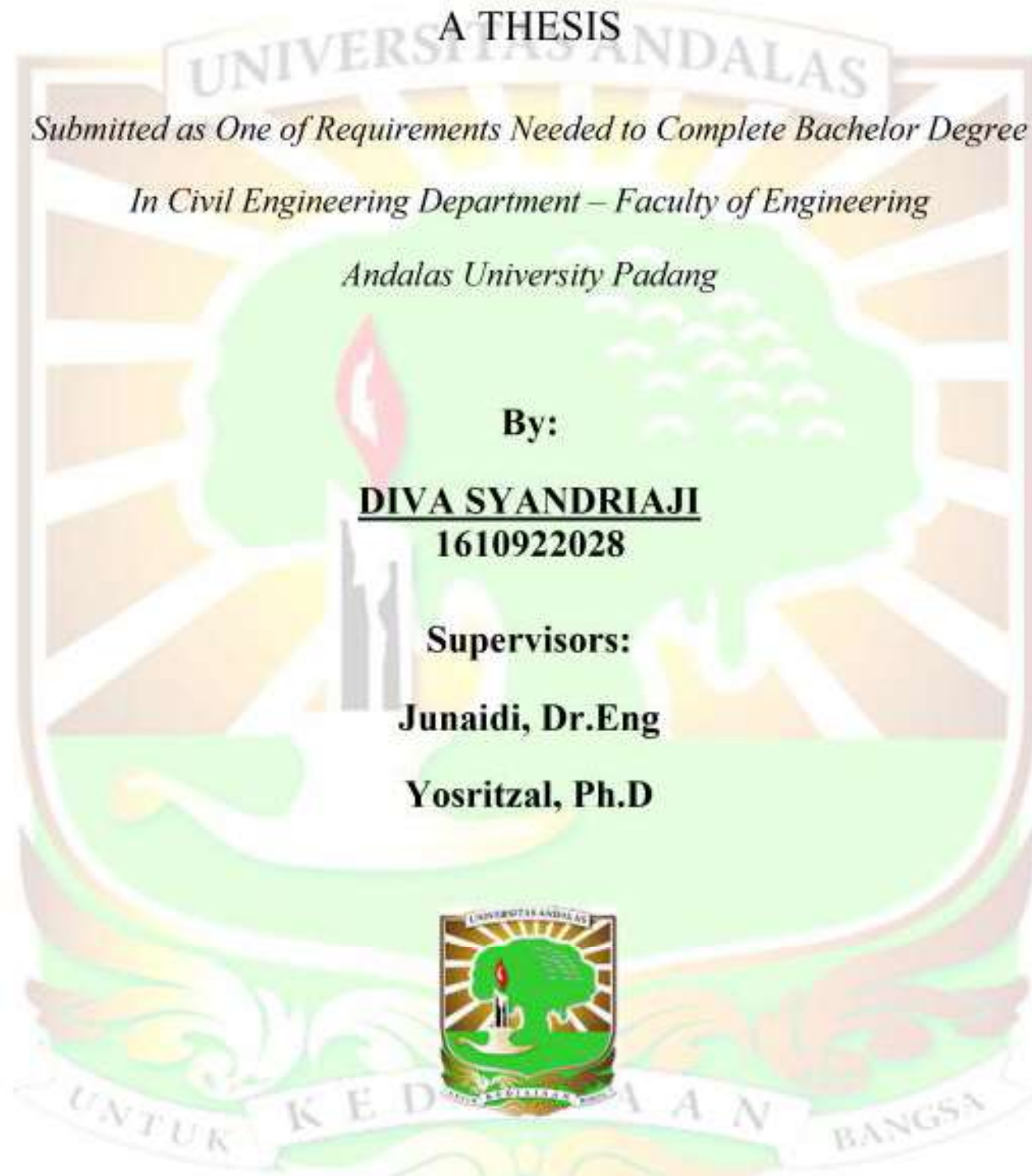
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ABSTRACT

Padang is located on the western side of Sumatera island. As the location in the collision area of two tectonic plates namely Indo-Australia from the south and Eurasia from the north which was marked by the presence of a tectonic earthquake center in the Mentawai islands and surroundings. Realizing the high risk of disasters, the people of Padang city must be ready and prepared to respond and accept the responsibility for the possibility of earthquake and tsunami. To reduce the risk of disaster, the use of *self-help and mutual-help parameter* might be the best way to help the people to know “what should they do?” and “how can they do it?” to protect themselves from disasters. This research aims to analyze the Padang city community preparedness to face the Earthquake and Tsunami disaster by using self-help and mutual-help parameter. A questionnaire consists of 20 questions was used to collect the data. The sample size of this research is 400. The data was collected from 4 different areas (Random area, Pondok area, Purus area, and Ulak Karang area). The study found that the Padang city community might not prepare to face the earthquake and tsunami disaster in the future in terms of self-help and mutual-help as most of the items mentioned in the questionnaire have not been applied. The government was urged to develop proper policies regarding risk reduction further.

Keywords: *Community Preparedness, Earthquake and Tsunami, Self-help, Mutual-help, Padang City*