## **PREFACE**

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Thesis entitled "The Effect of Guided Discovery Learning Model on Student's Learning Outcomes of Temperature and Heat in Class X SMA Negeri 4 Medan Academic Year 2014/2015", prepared to obtain a Bachelor's degree of Physics Education, Faculty of Mathematics and Natural Science in State University of Medan.

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The author has endeavored to as much as possible in completing this thesis, but the author is aware there are many drawbacks in terms of both content and grammar, then the authors welcome any suggestions and constructive

criticism from readers for this thesis perfectly. The author hope the contents of this paper would be useful in enriching the repertoire of knowledge.

Medan, June 2015 Author,

Guruh Ryan Aulia

