



**THESIS APPROVAL**  
**GRADUATE SCHOOL, KASSETSART UNIVERSITY**

Doctor of Philosophy (Science Education)

**DEGREE**

Science Education

**FIELD**

Education

**DEPARTMENT**

**TITLE:** A Professional Development Program for Lower Secondary Science Teachers' Development of Pedagogical Content Knowledge in Genetics

**NAME:** Miss Pojchana Magrood-In

**THIS THESIS HAS BEEN ACCEPTED BY**

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