

**IMPLEMENTING PROBLEM BASED LEARNING INTEGRATED WITH  
COOPERATIVE LEARNING TEAMS GAMES TOURNAMENT  
IN IMPROVING STUDENTS' ACHIEVEMENT IN  
TEACHING COLLOIDAL SYSTEM**

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**THESIS**

**Submitted to Fulfill the Requirement for Getting Degree of  
Sarjana Pendidikan**

*THE  
Character Building  
UNIVERSITY*

**DEPARTMENT OF CHEMISTRY  
FACULTY OF MATHEMATICS AND NATURAL SCIENCE  
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