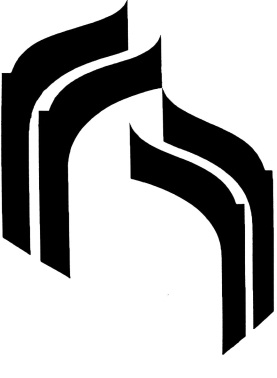
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**Ministry of Science**

**Research and Technology**

**Graduate University of Advanced Technology**

**Faculty of Mechanical and Materials Engineering**

**Department of Design and Manufacturing Engineering**

**Title**

A Thesis for Degree of Master of Science (M.Sc.) in Mechanical Engineering-Applied Design

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**Supervisor(s)**

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**Advisor(s)**

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Month and Year in Gregorian calendar