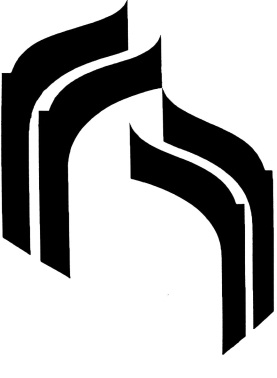
****

**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-Manufacturing & Production

**-----------------------------------**

**Supervisor(s)**

**---------------------------**

**---------------------------**

**Advisor(s)**

**----------------------**

**----------------------**

Month and Year in Gregorian calendar