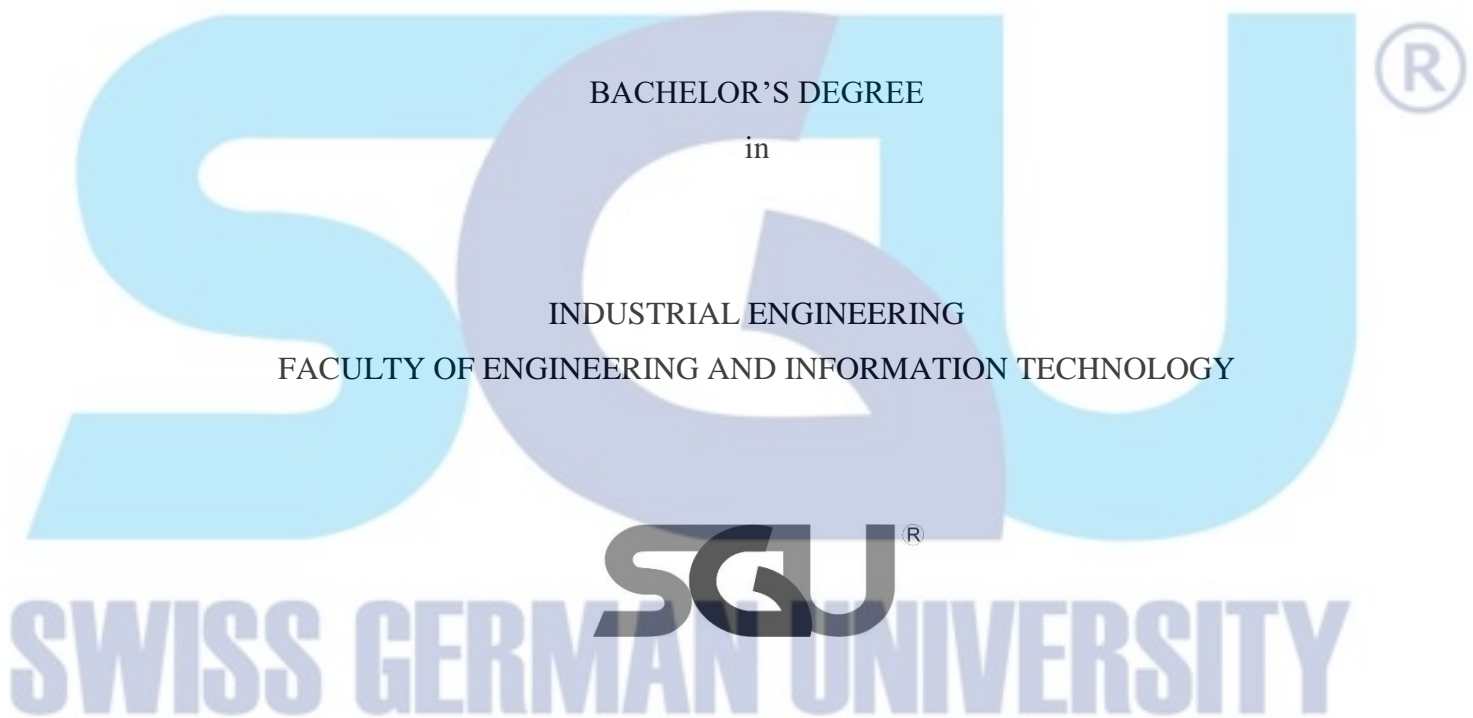


**DIDACTICAL DEVELOPMENT OF A WEB-BASED TRAINING ON
INDUSTRY 4.0**

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STATEMENT BY THE AUTHOR

I hereby declare that this submission is my own work and to the best of my knowledge, it contains no material previously published or written by another person, nor material which to a substantial extent has been accepted for the award of any other degree or diploma at any educational institution, except where due acknowledgement is made in the thesis.

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ABSTRACT

DIDACTICAL DEVELOPMENT OF A WEB-BASED TRAINING ON INDUSTRY 4.0

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Web-Based Training is a form of online knowledge storage that can be accessed by everyone and everywhere. As can be seen from the title, this research aims to optimize the effectiveness of the knowledge transfer by analyzing the impact of learning styles approach towards students' performance. The methodology used in this thesis are no other than (Felder & Silverman, 1988)'s Index of Learning Style survey to identify students' learning style, knowledge checks that is based on Bloom's Taxonomy Questioning, acceptance survey that is based on Technology Acceptance Model and KM IRIS methodology that consist of 5 phases in creating the proper WBT. The results shows the impact of learning styles towards performance is unexpectedly different. Moreover, it was discussed and a solution to embrace it came up and an appropriate methodology of KM IRIS was used to create a proper WBT. Lastly, a recommendations towards future study was sum up to complete this thesis.

Keywords: E-Learning, Knowledge Management, Web-Based Training, Industry 4.0, Learner Types, Learning Styles, Technology Acceptance Model.

DEDICATION

*For my Parents,
Family,
Myself,
And the future me.*





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