



FINAL PROJECT ASSIGNMENT

Publicly Available

Identification	Name: Alemarah Hakam Abed Mohammed		ID: 73760105328	
	Code of the Curriculum: 2NAMW0		Specialisation:	Document ref. number:
	Curriculum: Master Program in Mechanical Engineering Modelling		2NAMW0-FM	GEÁT:2024-1:2NAMW0:ILIR3T
	Final Project issued by: Department of Fluid Mechanics		Final exam organised by: Department of Fluid Mechanics	
Supervisor: Dr. Sente Viktor Gyula (71958279813), assistant professor				

Project Description	Title	Analysis of a twin-blade wind turbine Ikerlapátos szélturbina vizsgálata
	Details	<ol style="list-style-type: none">Literature survey, surveying and analysing relevant resources of technical literature.Select a wind turbine and establish baseline characteristics.Optimize the turbine characteristics by modifying the blade profile.Establish the characteristics of the optimized turbine using CFD.Compare the results with the baseline characteristics.Summarize the work in the required document format of the MSc Thesis.
	Advisor	Advisor's Affiliation: Advisor: --

Final Exam	1 st subject (group)	2 nd subject (group)	3 rd subject (group)	4 th subject (group)
	ZVEGEÁTNW02 Computational Fluid Dynamics	ZVEGEÁTNW03 Fluid Mechanics Measurements	ZVEGEÁTNW11 Open Source Computational Fluid Dynamics	ZVEGEÁTNW19 Vehicle Aerodynamics

Authentication	Handed out: 4 September 2023		Deadline: 8 December 2023		
	Compiled by: Dr. Sente Viktor Gyula (71958279813) Supervisor		Verified by: <i>Dr. János Vad</i> (signed) Head of Department		Approved by: <i>Dr. Gábor Györke</i> (signed) Vice-Dean
	The undersigned declares that all prerequisites of the Final Project have been fully accomplished. Otherwise, the present assignment for the Final Project is to be considered invalid. <i>Alemarah Hakam Abed Mohammed</i>				