



FINAL PROJECT ASSIGNMENT

Publicly Available

Identification	Name: Nemouchi Adem		ID: 73763561289	
	Code of the Curriculum: 2NAMW0		Specialisation:	Document ref. number:
	Curriculum: Master Program in Mechanical Engineering Modelling		2NAMW0-FM	GEÁT:2023-2:2NAMW0:ZGARJ8
	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	Optimisation of wind power generators Szélenergia-generátorok optimalizálása
	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.Prepare one or more approaches to optimize the turbine characteristics.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 Project.
	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	ZVEGEÁTNW19 Vehicle Aerodynamics	ZVEGEÁTNW10 Advanced Technical Acoustics and Measurement Techniques

Authentication	Handed out: 27 February 2023		Deadline: 2 June 2023		
	Compiled by: Dr. Sente Viktor Gyula (71958279813) Supervisor		Verified by: Dr. János Vad (signed) Head of Department		Approved by: Dr. Gábor Györke (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. Nemouchi Adem				