



# FINAL PROJECT ASSIGNMENT

**Publicly Available**

<b>Identification</b>	Name: <b>Nemouchi Adem</b>		ID: 73763561289	
	Code of the Curriculum: 2NAMW0		Specialisation:	Document ref. number:
	Curriculum: Master Program in Mechanical Engineering Modelling		2NAMW0-FM	GEÁT:2024-1:2NAMW0: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				

<b>Project Description</b>	<b>Title</b>	<b>Optimisation of wind power generators</b> Szélenergia-generátorok optimalizálása
	<b>Details</b>	<ol style="list-style-type: none"><li>Literature survey, surveying and analysing relevant resources of technical literature.</li><li>Select a wind turbine and establish baseline characteristics.</li><li>Prepare one or more approaches to optimize the turbine characteristics.</li><li>Establish the characteristics of the optimized turbine using CFD.</li><li>Compare the results with the baseline characteristics.</li><li>Summarize the work in the required document format of the MSc Thesis.</li></ol>
	<b>Advisor</b>	Advisor's Affiliation: Advisor: --

<b>Final Exam</b>	1 <sup>st</sup> subject (group)	2 <sup>nd</sup> subject (group)	3 <sup>rd</sup> subject (group)	4 <sup>th</sup> subject (group)
		<b>ZVEGEÁTNW02</b> Computational Fluid Dynamics	<b>ZVEGEÁTNW03</b> Fluid Mechanics Measurements	<b>ZVEGEÁTNW10</b> Advanced Technical Acoustics and Measurement Techniques

<b>Authentication</b>	Handed out: 4 September 2023		Deadline: 8 December 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					