



FINAL PROJECT ASSIGNMENT

Publicly Available

Identification	Name: Mehraliyev Taleh		ID: 73493480399	
	Code of the Curriculum: 2NAAG0		Specialisation:	Document ref. number:
	Curriculum: Bachelor of Science Degree Program in Mechanical Engineering		2NAAG0-PE	GEÁT:2023-2:2NAAG0:JMVVZ4
	Final Project issued by: Department of Fluid Mechanics		Final exam organised by: Department of Hydrodynamic Systems	
Supervisor: Dr. Sente Viktor Gyula (71958279813), assistant professor				

Project Description	Title	Szélterelővel ellátott szélenergia-generátor optimalizálása Optimisation of a wind power generator with wind deflectors
	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 wind deflectors/spoilers to increase turbine utilisation for low wind velocities.Establish the characteristics of the deflectors/spoilers using CFD.Compare the results with the baseline characteristics.Summarise the work in the required document format of the BSc Final Project.
	Advisor	Advisor's Affiliation: Advisor:

Final Exam	1 st subject (group)	2 nd subject (group)	3 rd subject (group)
	ZVEGEVGBX01 Fluid Machinery	ZVEGEÉEBG61 Process Engineering	ZVEGEVGBG13 Fluid Flow Technology

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. <i>Mehraliyev Taleh</i>					