Budapest University of Technology and Economics
Faculty of Mechanical Engineering
Department of Fluid Mechanics
http://www.ara.bme.hu/

FINAL PROJECT ASSIGNMENT

Publicly Available

Identification			
Name: **Mehraliyev Taleh**			ID: **73493480399**
Code of the Curriculum: 2NAAG0		Specialisation: 2NAAG0-PE	Document ref. number: GEÁT:2023-1:2NAAG0:JMVVZ4
Curriculum: Bachelor of Science Degree Program in Mechanical Engineering			
Final Project issued by: Department of Fluid Mechanics		Final exam organised by: Department of Hydrodynamic Systems	
Supervisor: Dr. Szente Viktor Gyula (71958279813), assistant professor			

Project Description	
Title	**Optimisation of wind power generators** Szélturbina generátorok optimalizálása
Details	1. Literature survey, surveying and analysing relevant resources of technical literature. 2. Select a wind turbine and establish baseline characteristics. 3. Prepare one or more wind deflectors/spoilers to increase the turbine utilization for low wind velocities. 4. Establish the characteristics of the deflectors/spoilers using CFD. 5. Compare the results with the baseline characteristics. 6. Summarize the work in the required document format of the BSc Final Project.
Advi-sor	Advisor's Affiliation: Advisor: ,

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

Authentication		
Handed out: 5 September 2022		Deadline: 9 December 2022
Compiled by: Dr. Szente 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. …….. *Mehraliyev Taleh*		