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: **Asgarov Elvin**		ID: **73360944875**
	Code of the Curriculum: 2NAAG0	Specialisation: 2NAAG0-PE	Document ref. number: GEÁT:2022-2:2NAAG0:ANVTR2
	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	**Validation of a numerical model for a small scale thermal energy harvester** Kisméretű termoelektromos generátor numerikus modelljének validálása
	Details	1. Surveying and analyzing relevant resources of technical literature 2. Comparison of the model against values reported in the literature 3. Design a range of experiments to produce data for model validation 4. Construct a physical prototype 5. Perform experiments, measure and post-process relevant data 6. Validate the model against the experimental data 7. Summarize the work in the required document format of the BSc Thesis
	Advisor	Advisor's Affiliation: Dept. Fluid Mechanics, Fac. Mech Eng, Budapest University of Technology and Economics 1111 Budapest, Bertalan Lajos 4-6. Advisor: Dr. Joshua Patrick Davidson, assistant professor

Final Exam	1st subject (group)	2nd subject (group)	3rd subject (group)
	ZVEGEENAG71 Energy Processes and Equipments	**ZVEGEVGAGFF** Fluid Flow Systems	**ZVEGEVGAG4X** Volumetric Pumps and Compressor

Authentication	Handed out: 14 February 2022		Deadline: 20 May 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. …….. *Asgarov Elvin*		