Budapest University of Technology and Economics

Faculty of Mechanical Engineering

Department of Fluid Mechanics

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F I N A L   P R O J E C T   A S S I G N M E N T

Publicly Available

Identification	Name: **Paran H M Shah**		ID: **73482474796**
	Code of the Curriculum: 2NAAG0	Specialisation:	Document ref. number:
	Curriculum: Bachelor of Science Degree Program in Mechanical Engineering	2NAAG0-PE	GEÁT:2024-1:2NAAG0:UZ797G
	Final Project issued by: Department of Fluid Mechanics	Final exam organised by: Department of Fluid Mechanics	
	Supervisor: Dr. Balogh Miklós (71427777405), assistant lecturer		

Project Description	Title	**Modelling the Airflow Generated by a Quadcopter** Kvadrokopter keltette áramlás modellezése
	Details	1)Literature survey 2)Geometry and mesh generation 3)Numerical simulations using various solvers and models 4)Analysis of mesh and Reynolds number dependency 5)Comparison of different turbulence modelling approaches including an analysis of numerical costs 6)Summarizing the work in the final thesis
	Advisor	Advisor's Affiliation: Advisor: --

Final Exam	1st subject (group)	2nd subject (group)	3rd subject (group)

	1st subject (group)	2nd subject (group)	3rd subject (group)
Final Exam	**ZVEGEVGBX01** Fluid Machinery	**ZVEGEENBGHK** Heat Transfer	**ZVEGEVGBG13** Fluid Flow Technology

Authentication	Handed out: 4 September 2023		Deadline: 8 December 2023
	Compiled by: Dr. Balogh Miklós (71427777405) 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. …………………………………….. *Paran H M Shah*		