



# FINAL PROJECT ASSIGNMENT

**Publicly Available**

Identification	Name: <b>Tano Leonardo</b>		ID: 74858902470	
	Code of the Curriculum: 2NAAG0		Specialisation:	Document ref. number:
	Curriculum: Bachelor of Science Degree Program in Mechanical Engineering		2NAAG0-DT	GEÁT:2022-1:2NAAG0:IGO0SO
	Final Project issued by: Department of Fluid Mechanics		Final exam organised by: Department of Fluid Mechanics	
	Supervisor: Dr. Esztella Éva Balla (73727725349), senior lecturer			

Project Description	Title	<b>Investigation of the vortex shedding phenomenon on axial fan blade sections</b> Axiális ventilátor lapát modellek örvényleválási jelenségének vizsgálata
	Details	<ol style="list-style-type: none"><li>1. Conduct a literature review regarding the topic</li><li>2. Set the parameters of the simulation by taking into consideration literature data</li><li>3. Run 2D numerical simulations</li><li>4. Identify the cases where vortex shedding appears</li><li>5. Compare the results with literature data</li><li>6. Summarize your work in the required document format of the BSc Thesis</li></ol>
	Advisor	Advisor's Affiliation: Advisor: —

Final Exam	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>ZVEGENTAGMF</b> Metal forming	<b>ZVEGEPTAGE1</b> Composites Technology	<b>ZVEGEGTAGMD</b> Machine Design	<b>ZVEGEGTAG94</b> Manufacturing Processes

Authentication	Handed out: 6 September 2021		Deadline: 10 December 2021			
	Compiled by: Dr. Esztella Éva Balla (73727725349) 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.  ..... Tano Leonardo					