MASTER THESIS SUPERVISOR REVIEW

I. PERSONAL AND STUDY DETAILS

Student's name:	**Kumbhar Asawari Pratiksha As**	Personal ID number:	**488082**
Faculty:	**Faculty of Biomedical Engineering**		
Study program:	**Biomedical and Clinical Technology**		
Branch of study:	**Biomedical Engineering (CEMACUBE)**		

II. EVALUATION OF THE MASTER THESIS

Masters's thesis title in English:

A computational biomechanics study of the Chiari-Syringomyelia complex - Mechanics of Spinal Cord

	Evaluation criteria	N. of points
1.	Attitude of the student (preparation, initiative, work morale and independence). (0 – 30)* Full number of points can be given to a student who had a long-term, systematic and independent approach to the diploma thesis with a clear vision of the solution. Supervisor of the diploma thesis can decrease the number of points in case of insufficient activity, unsystematic work which was not conceptual and if the student was looking for the easiest solution.	26
2.	Manner and level of elaboration of the thesis and fulfilment of the assignment. (0 – 30)* Consider creative attitude as well as the ability to look for professional sources. Give full number of points if the theoretical part of the diploma thesis is of a high level and corresponds with the requirements of the practical part. In case of insufficiency of the theoretical part, decrease the rating by up to 15 points. In case of insufficiency of the practical part, decrease the rating by up to 15 points.	28
3.	Scope of experimental work (SW, HW), applied knowledge, publications and other activities, including awards connected with the topic of the thesis. (0 – 30)* Maximum number of points can be granted to a thesis which has practical implications for a particular organization and can be applied there. Maximum number of points can also be given to a thesis, which is important for improvement of the theoretical knowledge. This aspect is particularly judged with respect to publishing. For minor methodological flaws, the rating can be reduced by up to 5 points. Inconsistency of elaboration with the theoretical background and unclear or not fully professional approach leads to a reduction by at least 15 points. Another decrease can be due to insufficient discussion. A total of 30 points can be given to a very complex and flawless work, including other activities such as participation in scientific-research project or grant, active participation in writing papers, patents and utility models.	26
4.	Formal requisites and layout of the thesis (writing mastery, structuring, graphs, tables, citations in the text, list of references etc.). (0 – 10)* The supervisor judges formal requisites with respect to rules of writing, attributes of final works i.e. text formatting, structure of the thesis, list of references, graphs and tables, manner of citation. 2 points are subtracted for each noncompliance. 2 – 4 points are subtracted for grammatical mistakes, spelling mistakes, improper stylistics and terminology. Only standard terminology should be used especially in the English language (ability to express oneself with the use of professional language should be judged – 2 points), if graphs are created according to the rules (see tolerance and influence of statistical processing – 2 points), if there are relevant captions for graphs and tables and that everything is readable (2 points), citation rules ISO690 and ISO690-2 (2 points) are observed.	7
5.	**Total points**	87

* Verbal evaluation should be part of the Comments.

III. THE OVERALL ASSESSMENT OF THE LEVEL OF THE MASTER THESIS

Grade**:	A (excellent)	B (very good)	C (good)	D (satisfactory)	E (sufficient)	F (failed)
Number of points:	100 - 90	89 - 80	79 - 70	69 - 60	59 - 50	< 50
	❑	X	❑	❑	❑	❑

** in case of F (failed) please explain in detail

I give the above grade to the master thesis and I recommend/~~do not recommend~~ it for the defence.

IV. COMMENTS

Name and surname incl. degrees: doc. Ing. Martin Rožánek, Ph.D.
Institution: ČVUT v Praze, Fakulta biomedicínského inženýrství
Contact address: Nám. Sítná 3105, 272 01 Kladno

Signature: .....

Date: .....