

## I. IDENTIFICATION DATA

<b>Thesis title:</b>	Light Propagation in Algae Photobioreactors
<b>Author's name:</b>	Usman Ullah Rehmat Ullah
<b>Type of thesis :</b>	bachelor
<b>Faculty/Institute:</b>	Faculty of Mechanical Engineering (FME)
<b>Department:</b>	Process Engineering
<b>Thesis supervisor:</b>	doc. Ing. Karel Petera, Ph.D.
<b>Supervisor's department:</b>	Process Engineering

## II. EVALUATION OF INDIVIDUAL CRITERIA

<b>Assignment</b>	ordinarily challenging
<i>How demanding was the assigned project?</i>	

<b>Fulfilment of assignment</b>	fulfilled
<i>How well does the thesis fulfil the assigned task? Have the primary goals been achieved? Which assigned tasks have been incompletely covered, and which parts of the thesis are overextended? Justify your answer.</i>	

<b>Methodology</b>	correct
<i>Comment on the correctness of the approach and/or the solution methods.</i>	

<b>Technical level</b>	D - satisfactory.
<i>Is the thesis technically sound? How well did the student employ expertise in the field of his/her field of study? Does the student explain clearly what he/she has done?</i>	

<b>Formal and language level, scope of thesis</b>	C - good.
<i>Are formalisms and notations used properly? Is the thesis organized in a logical way? Is the thesis sufficiently extensive? Is the thesis well-presented? Is the language clear and understandable? Is the English satisfactory?</i>	

<b>Selection of sources, citation correctness</b>	C - good.
<i>Does the thesis make adequate reference to earlier work on the topic? Was the selection of sources adequate? Is the student's original work clearly distinguished from earlier work in the field? Do the bibliographic citations meet the standards?</i>	

**Additional commentary and evaluation (optional)**

*Comment on the overall quality of the thesis, its novelty and its impact on the field, its strengths and weaknesses, the utility of the solution that is presented, the theoretical/formal level, the student's skillfulness, etc.*

**III. OVERALL EVALUATION, QUESTIONS FOR THE PRESENTATION AND DEFENSE OF THE THESIS, SUGGESTED GRADE**

*Summarize your opinion on the thesis and explain your final grading.*

I would expect more autonomy of the author when working on the thesis, especially when comparing the radiation models along with various parameters, boundary conditions etc.

I evaluate the thesis by grade

Date: 17.8.2020

Signature: