Supervisor's opinion on the Ph.D. thesis
"Preparation and Properties of Composite Materials
for Potential Medical and Sanitary Application"
by
Pavel Bažant
submitted to the
Tomas Bata University in Zlín

Ing. Pavel Bažant studied Ph.D. course „Technology of Macromolecular Compounds" at the Faculty of Technology, TBU in Zlín, Czech Republic. Within his studies he has fulfilled all duties connected with the study programme and successfully passed the state exam in 2012. His work is focused on preparation and characterization of composite antibacterial polymer systems with potential application in medicine, sanitary and hygiene. Obtained knowledge has been successfully transformed into a utility model.

The dissertation thesis is a thematically arranged collection of three articles (one published, two submitted) and a utility model. Selected journals are relevant to the field of study and they are impacted and indexed by Thomson Reuters ISI Web of Science. Pavel Bažant is the first author of these three papers and it must be noted that they were written in a small number of co-authors. The results have been partially published in the form of international conference contributions as well. Besides papers included into the thesis, Mr. Bažant is the co-author of several other already published papers and fulltext contributions to international conferences recorded in Web of Science.

His activity was oriented towards applied research too and he became a co-author of numerous registered proofs of concepts.

During his study at the TBU in Zlín, Mr. Bažant has demonstrated sufficient diligence, knowledge and effort necessary for successful fulfilment of the studied Ph.D. programme.

With regard to these facts and according to my opinion, the submitted dissertation work is well conceived and I recommend it to be defended and upon successful defence to award Mr. Bažant the degree Doctor of Philosophy (Ph.D.).

Zlín, 1. 08. 2014

assoc. Prof. Ing. et Ing. Ivo Kuřitka, Ph.D. et Ph.D.
Supervisor