

ZÁPIS O OBHAJOBĚ DISERTAČNÍ PRÁCE

(Record concerning Ph.D. Thesis Defense)

The course of the defense:

Competitor: MSc. Dattatry Shivajirao Bhosale

Ph.D. Thesis title: "Selected pyridine derivatives immobilized on colloidal nanosystems for asymmetric Henry reaction and drug delivery application".

Presence: see enclosed Attendance Sheet

Thesis defense was opened by the Chairman of the Jury – Assoc. prof. Dr. Jiří Hanusek. He stated that 6 from 7 designated Jury members (including 2 opponents) are present thus allowing accomplishment of the thesis examination. Further he excused Assoc. prof. Dr. Filip Bureš who cannot come to join the jury. The Chairman briefly introduced competitor and announced that he fulfilled all the necessary requirements according to Study and Examination Rules of the Faculty of Chemical Technology, University of Pardubice. The Chairman also announced that the Competitor passed his Comprehensive Ph.D. Examination (State Doctoral Examination – 15.12. 2016). Then Prof. Dr. Miloš Sedlák (Thesis Supervisor and the Head of Institute of Organic Chemistry and Technology) apprised Jury with his positive formal opinions.

Competitor Dattatry Shivajirao Bhosale then gave a lecture about results obtained during his study. His lecture was appreciated by the Jury. Both opponents then read their expert opinions and asked Competitor for appropriate answers. Competitor successfully answered all opponent's questions and suggestions. His written answers are attached to this Record.

Then Ph.D. Thesis Examination was opened for discussion:

- assoc. prof. Zima asked about existence of analogous polymer carriers systems used for similar applications. Further, the size of Fe particles was discussed. The choice of ligands was discussed too.
- prof. Macháček asked about reproducibility of the synthesis of Fe nanoparticles.
- assoc. prof. Hanusek asked about reaction time and conditions that could made the experiment shorter.

Competitor successfully answered all Jury-members' questions and suggestions. Neither written or oral questions nor remarks were delivered to the Chairman of the Jury, therefore the public part of the Defense was closed.

Then all Jury members voted using printed forms (they are attached to this Record). On the basis of the voting the Chairman has announced that the result is:

"passed" (vyhověl).

At the end of Jury session the chairman apprised Competitor with the result of voting and then announced that he will suggest to Dean of Faculty of Chemical Technology (Prof. Dr. Petr Kalenda) the Ph.D. graduation of Dattatry Shivajirao Bhosale.

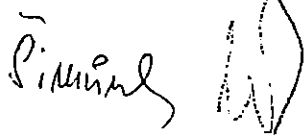
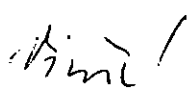
The connection between results showed in Ph.D. thesis and submitted publications:

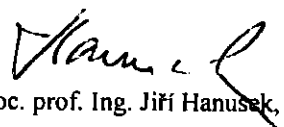
The Jury stated that the Ph.D. Thesis is based on results presented in submitted publications.

The commission's statement to the student's share on the submitted publications:

The Jury stated that student's share on the submitted publications is essential.

In Pardubice 28.8. 2017




assoc. prof. Ing. Jiří Hanusek, Ph.D.
(Chairman of the Jury)

Zápis podepíší předseda komise, všichni její přítomní členové a oponenti.

