

## Report on the work of the dissertation council

“6D072100 - Chemical technology of organic substances” at non-profit joint-stock company “KazNRTU named after K.I. Satpaev”, specialty 6D072100 - Chemical technology of organic substances” for 2019.

### During the reporting period:

1. There are 3 meetings which were held:

- The meeting to defend a doctoral dissertation for the degree of Doctor of Philosophy (PhD) Isabayev Yerzhan Aryngazyevich on the topic: “New inhibitors and coagulants based on organophosphate compounds and activated aluminum to prevent salt deposition and water purification” was held on April 26, 2019;
- On december 19, 2019 was held the meeting on the approval of the composition of the expert commission for the preparation of an expert conclusion on the thesis of Toleutay Gaukhar on the topic “Physico-chemical, complexation, and catalytic properties of linear and cross-linked polyampholytes” for the degree of Doctor of Philosophy (PhD);
- On december 31, 2019 was held the meeting to accept the thesis of Toleutay Gaukhar on the topic: “Physicochemical, complexation, and catalytic properties of linear and cross-linked polyampholytes”, to determine the date of defense and appointing two reviewers;

2. Members of the dissertation council who attended less than half of the meetings - no.

3. 1. Issabayev Yerzhan Aryngazyevich KazNRTU named after K.I. Satpayev 2014-2017;

2. Toleutay Gaukhar KazNRTU named after K.I. Satpayev 2016-2019;

4. In the reporting year, the thesis of **Issabayev Yerzhan Aryngazyevich** was reviewed on the topic: “New inhibitors and coagulants based on organophosphate compounds and activated aluminum to prevent salt deposition and water purification”:

1) The dissertation is dedicated to the creation of new scale inhibitors in oil production and oil transportation equipment and aluminum-containing coagulants for water treatment;

2) Thematics of dissertations are included in state and regional scientific and scientific-technical programs, which are formed by the Highe Scientific and Technical Commission under the Government of the Republic of Kazakhstan in accordance with paragraph 3 of Article 18 of the Law “On Science” and (or) state programs;

3) The obtained  $\alpha$ -aminophosphonic acids and activated aluminum alloys can be recommended for in-depth tests with the aim of their use as scale inhibitors and coagulants.

5. Official reviewers in expanded form covered all the important points of the dissertation and recommended work for defense.

6. To improve the system of training scientific staff, we could propose to extend the term of defense of a doctoral thesis for doctoral students for one year more to addition the existing period (3 years), because over the established period of study, applicants mainly manage to publish articles included in the Scopus and Web Of Science database. To defense within the prescribed period without any payment, doctoral students have about 4 months after the order for university expulsion, which is clearly not enough.

7. Number of dissertations for the degree of Doctor of Philosophy (PhD), doctor by profile in the context of specialties (areas of training):

- 1) dissertations accepted for defense - **1**;
- 2) dissertations withdrawn from consideration (including doctoral students from other universities) - **no**;
- 3) dissertations, which received negative reviews of reviewers (including doctoral students from other universities) - **no**;
- 4) dissertations with a negative decision based on the results of the defense (including doctoral students from other universities) - **no**.

Chairman of the Dissertation Council  
“Chemical Technology of Organic  
Substances”



S.E.Kudaibergenov

Scientific Secretary of DS “Chemical  
Technology of Organic Substances”

B.S. Selenova

January 10, 2020