

ҚАЗАҚСТАН РЕСПУБЛИКАСЫ
Ғұмарбек Дәукеев атындағы
**АЛМАТЫ ЭНЕРГЕТИКА
ЖӘНЕ БАЙЛАНЫС
УНИВЕРСИТЕТІ**
КОММЕРЦИЯЛЫҚ ЕМЕС
АКЦИОНЕРЛІК ҚОҒАМЫ



РЕСПУБЛИКА КАЗАХСТАН
**АЛМАТИНСКИЙ
УНИВЕРСИТЕТ
ЭНЕРГЕТИКИ И СВЯЗИ**
имени Гумарбека Даукеева
НЕКОММЕРЧЕСКОЕ
АКЦИОНЕРНОЕ ОБЩЕСТВО

050013, Алматы қ., Байтұрсынұлы қ-сі, 126/1
тел.: 8 727 292 57 40, факс: 8 727 292 50 57
e-mail: aues@aues.kz

050013, г. Алматы, ул. Байтұрсынұлы, 126/1
тел.: 8 727 292 57 40, факс: 8 727 292 50 57
e-mail: aues@aues.kz

ХАТТАМА

«31» *март* 2021 ж. / г.

ПРОТОКОЛ

№ 6

**The meetings of the Board of Trustees of the Alumni Association of AUPET
Almaty**

Venue of the meeting of the Board of Trustees:

Office 213, Baitursynuly Street, 126/1, Almaty, online format, non-profit JSC "Almaty University of Power Engineering and Telecommunications named after Gumarbek Daukeyev".

Date and time of the meeting of the Board of Trustees: March 31, 2021 15:00.

There were 17 members of the Board of Trustees in total.

10 members of the Board of Trustees took part with the right to vote.

Invited persons: Director of the Department for Academic Activities Mukhamedzhanova Rufina Renatovna.

Vice-Rector for Science and Innovation Saukhimov Almaz Abzhalievich read the agenda. There is a quorum.

AGENDA:

1. Approval of new members to the AUPET Board of Trustees.
2. Consideration of new educational programs of the university and prospects for improvement with the participation of enterprises - customers of personnel, partners.
3. Monitoring the needs of enterprises and organizations in young specialists, in order to undergo practical training with the subsequent employment of AUPET graduates.
4. Miscellaneous.

1. On the question: Election of new members and approval of the composition of the Board of Trustees

Vice-rector for science and innovation Saukhimov Almaz Abzhalievich spoke on this issue. He said that the Alumni Association operates on the basis of voluntariness, self-government, legality and transparency.

We propose to introduce the following candidates to the Board of Trustees:

1. Komlev Anton Olegovich, General Director of LLP "Liberty Group".

The CV of the candidate is attached.

2. Meyrambaev Yerlan Sakenovich, General Director of the company "MEYER TECH".

The CV of the candidate is attached.

After discussion, the question is put to a vote:

Voting results: for - 10 people, against - no, abstaining - no.

By the result of an open vote Komlev Anton Olegovich, General Director of LLP "Liberty Group", was confirmed as a member of the Board of Trustees of AUPET.

Meyrambaev Erlan Sakenovich, General Director of company "MEYER TECH" cannot take part in the meeting of the council. We decided to postpone consideration of his candidacy for the next meeting.

After discussion, the question is put to a vote:

Voting results: for - 10 people, against - no, abstaining - no.

2. On the issue: Consideration of new educational programs university and prospects for improvement with the participation enterprises - customers of personnel, partners

Vice-rector for science and innovation Saukhimov Almaz Abzhalievich explained that we brought this issue to the meeting of the council so that you can assess the relevance of the educational programs drawn up. We want to discuss whether our graduates will be in demand in the labor market in the future. We must improve the quality of education. If you have any suggestions for improvement, we will accept all suggestions for the add-on. We will not view this as a criticism.

The directors of the institutes spoke on this issue (reports are attached).

In his speech, Zhubanysh Abdimuratov, Director of the Institute of Electrical Engineering and Energy, spoke about the importance of including hydroelectric power in the educational program. According to the educational program, Students will learn how to reduce the negative impact on the environment, how to use water resources correctly. Our students need to know how to make the most appropriate and sustainable hydropower solutions for each situation. There is a strong political impetus to move towards a green economy in our country. Today, it is the hydropower segment that is the most developed renewable and alternative energy source in Kazakhstan.

"Systems Engineering" is a new educational program proposed to be launched in the new academic year by the director of the Institute of Telecommunications and Space Engineering Gani Balbaev. It will be held jointly with the University of Anhalt

(Germany). The partners of this program are the following companies: SAIMAN CORPORATION LLP, Siemens LLP, Anhalt University, Germany.

"The goal of the educational program is to train engineers in the fields of electronic and information technology capable of increasing the competitiveness of industrial enterprises by introducing advanced digitalization technologies into manufactured products, as well as into the processes of their development, production, maintenance, modernization and replacement (decommissioning)." , said Gani Balbaev.

"We have to involve as much as possible representatives of production, for example Kaspı bank, for practice and lectures. An analysis for compliance with international professional standards and employer requests was carried out. The annual modernization will increase the demand for the Software Engineering educational program. There is a shortage of programmers on the market," said Aliya Doszhanova, director of the Institute of Information Technology.

Member of the Board of Trustees Medetov Zhaimukhan Maksutovich, General Director of JSC "Institute" KazNIPIEnergoprom " said: The educational program "Hydroenergy ", in accordance with the professional standard, should contain the following topics: hydrogeological research, design and operation of reservoirs with seasonal regulation, design and operation of river and water intake structures, construction of dams and dams. Please tell me who teaches these subjects at the university. Previously, these subjects were taught at the Dzhambul Irrigation Institute and agricultural institutes. Now the problem throughout Kazakhstan is the lack of specialists. It is very difficult to find design engineers who are engaged in the calculations of dams, platinum, ash collectors. Our university is not ready yet, there is no base. We worked at Hydroelectric Power Plants. We have such specialties (for example, electrical networks) for which we can work at any power plant. Now we do not teach the subject "Hydroelectric Power Plants". There is not a single project. The graduate will be asked: who are you in your specialty? He will say - a hydropower engineer. Calculate the design of dams. What calculations can he show? These calculations are very, very difficult, you need to know geology, engineering and geological surveys, and are we ready to give knowledge to students in these fields of science?

Zh.S. Abdimuratov: Regarding the construction of dams and hydraulic structures in the future, we will be teaching these subjects in a bachelor's degree for all 4 years. Now we are focusing on teaching electricity. As for the contingent of the teaching staff, there are specialists at this time. For example, at the Department of Electric Power and Renewable Energy Sources, Soltanayev Abylaikhan, he works in the field of hydroelectric power, there are also part-time workers. In the future, when special subjects will be taught starting from the 3rd year, we will train students. It won't be in the construction of hydraulic structures, but in the power industry.

Saukhimov A.A. : In general, Zhaimukhan Maksutovich you are right. Zhubanysh Suynnullaevich, it is necessary to focus on the following topics: electricity, architecture and construction, hydrology, etc. Our university should not teach these disciplines, this is not our profile. We must correct the name of the disciplines and clarify in the diploma that our graduate has studied only the electric power part of the general hydropower industry.

In general, on educational programs, members of the board of trustees need to be explained important information at the moment. It was 5-10 years ago and is now relevant. About 20-30% of disciplines are compulsory. They are being planned by the Ministry of Education. This is the history of Kazakhstan, Kazakh and Russian languages, etc. The remaining 70% of disciplines are chosen by representatives of the university. If you graduated from our university on educational programs: Telecommunications, Electricity, Heat, then you have all the necessary knowledge in the subjects. But every industry is changing, new technologies are being introduced. If we do not add these disciplines now, then in 5-7 years when these specialists come to production, they will not have basic knowledge in new fields of science. This means that the entire industry of the country as a whole will lag behind in development.

Decided: All educational programs are included in the "ESUVO" system, undergo an examination, are coordinated with leading companies, programs and syllabuses are discussed at meetings of the graduating departments.

3. On the issue: Monitoring the needs of enterprises and organizations in young specialists in order to undergo practical training with the subsequent employment of AUPET graduates.

The Director of the Department for Academic Activities Rufina Renatovna Mukhamedzhanova made a speech on this issue (the report is attached).

The university plans to intensify the work on organizing master classes, coaching, and meetings with employers. There, representatives of companies, leading specialists, managers can meet with students in an informal setting to discuss issues of building a professional career, demonstrate practical skills, inform about effective ways and forms of employment.

An agreement on the training of specialists for targeted applications from state and private enterprises, as well as letters of guarantee from large enterprises and organizations, makes it possible to solve the problem of employment even before it arises.

Thus, some of the students already in their first year have contracts for their further employment. The trilateral agreement "Student-Enterprise-University" stipulates the obligations of each of the parties. The main obligation of the enterprise is to provide the young specialist with a job after graduation in the received specialty. This form of work allows training specialists for a specific enterprise for a specific workplace, and the tripartite agreement "Student-Enterprise-University" gives the future specialist certain guarantees of employment after graduation. A tripartite employment contract significantly affects the quality of the educational process.

"Only with the help of employers, we will be able to improve the quality of internships, internships and increase the employment of AUPET graduates," noted Rufina Mukhamedzhanova.

Rector Sagintaeva Saule Savetovna made a proposal to the members of the council for organizing hackathons with specific tasks for students, if you have industry-specific tasks. A hackathon is a mechanism where students are gathered in a classroom for 24 or 48 hours, given a task in such a mode, where solutions are worked out, then

they are selected from such children for themselves or a startup will turn out. Second, attracting practitioners as experts or jury members for holding competitions, startups to solve your problems, we had such experience, with the allocation of a prize fund to support student projects. If a student wins and aims to further develop this project with the support of partners or an employer, then funds are allocated from this fund to support them in order to more actively attract you.

Resolved: to organize a hackathon or competition in various areas with the involvement of employers, practitioners as experts to evaluate student work, in addition to the topic of graduate theses and master's theses.

4. Miscellaneous:

4.1. Discussion of the AUPET Hall of Fame project

The Vice-Rector for Science and Innovation Saukhimov Almaz Abzhalievich spoke on this issue, who said that our new member of the Board of Trustees, Komlev Anton Olegovich, had received an offer to open a Hall of Fame at our university.

Sentence:

1) Location of the Hall of Fame:

- open the Hall of Fame on the 1st floor in the foyer of building B.

2) Information about the nominal holder:

- graduates who have become successful and positive role models in society (businessmen, athletes, people who have reached high positions at the level of the government of the country and the world, etc.);
- current or former employee who has had a positive impact on the development of the university;
- partners (or organization) that have had a positive impact on the development of the university;
- A stand of historical documents highlighting the path of our university.

The exposition of the University Hall of Fame may consist of thematic and exposition complexes:

- Formation of the university
- From institute to university
- Outstanding graduates
- Scientific achievements
- International competitions
- Sports achievements

The preliminary cost is 2,440,000 tenge, of this cost 1,000,000 tenge is contributed by the Liberty Group company represented by General Director Anton Olegovich Komlev, he also expresses his readiness to work on attracting funding from other graduates in order to fully cover this cost through the investment of other graduates who once graduated from our university, thereby show their gratitude in this form.

Anton Komlev: I hope I will be able to attract funding from myself, in general I like the project.

Saukhimov A.A. An offer for our members of the board of trustees, since Anton will carry out certain work related to the activities of the board, asked for a business card from our university, we prepared it, taking into account the email with our

corporate domain, they meet with different companies and in fact, as our ambassadors, in modern parlance, they need proof that they are on our board of trustees.

Konshin Sergey Vladimirovich: The format of a traditional gallery can make a multimedia, interactive panel, now the whole world is alive, everything is in motion, The idea is 100% - it must be implemented, initially the idea must be accepted.

Resolved: to hire

4.2. Awarded a scholarship named after Khisarov Bulat Dzhantemirovich

The head of the Department "Automation and Control" Igor Anatolyevich Fedorenko spoke on this issue on the award of a scholarship named after Hisarov Bulat Dzhantemirovich - a person whose contribution to the development and formation of AUPET named after Gumarbek Daukeyev can be called unique.

Bulat Dzhantemirovich Khisarov is a graduate of the Moscow State Technical University. N. Bauman, candidate of technical sciences, professor. From 1987 to 2014 (27 years old!) he headed the Department "Engineering Cybernetics" (since 2017 it is called Automation and Control).

Until 2019, AUPET had 12 specialties and 5 (!) Of them, thanks to the efforts of BD Khisarov, were opened at the Department "Engineering Cybernetics", when he was its head. There are: "Automation and Control", "Informatics", "Information Systems", "Instrument Engineering", "Space Engineering and Technologies". Gradually, the independent departments were created on the basis of these specialties.

In parallel with the leadership of the department, BD Khisarov from 1997 to 2002 was the dean of the faculty of pre-university training, and after the opening of the college "Entel" in 2001, he became its first director. Bulat Dzhantemirovich had enough strength and energy for three responsible areas of work!

From 2014 to 2015, Bulat Dzhantemirovich Khisarov worked as the head of the Department "Space Engineering and Technologies", and then returned to his native department - "Automation and Control", where he worked as a professor until his death - October 22, 2020, at the age of 78 years.

It should be noted that for the opening of the specialty "Automation and Control" (previously it was called "Automation of heat and power facilities) B. D. Khisarov achieved approval not only in the Ministry of Higher Education and the Ministry of Energy of Kazakhstan, but also in the Ministry of Higher Education and the Ministry of Energy THE USSR.

Among his other numerous merits, attention should be paid to:

- opening in 1991 of a branch of the department at the Atyrau Institute of Oil and Gas - it was an innovative decision for those times, for 2 years students studied in Atyrau, and were transferred to the Almaty Energy Institute for the 3rd year.
- permission of the Ministry of Education in 1998 for an experiment in the sponsored lyceum No. 21 for training in grades 9-10 of 1st year subjects of the Almaty Energy Institute and enrollment in the 2nd year after passing the entrance exams.
- in 1997 with the active participation of B.D. a cooperation agreement was signed with the Asian Institute of Technology (ATI, Bangkok, Thailand), within the framework of which the graduates of the Almaty Energy Institute were sent to ATI for two years to study in a magistracy on a quota ... Japan.

In tribute to my memory, I ask you to approve a personal scholarship named after Bulat Dzhantemirovich Khisarov, a legendary man who made a significant contribution to the development of our university.

Resolved: To take into account and recommend a personal scholarship named after Bulat Dzhantemirovich Hisarov from the Fund of the Board of Trustees for the next academic year.

Almaz Abzhalievich thanked all the participants for the fruitful work; this is an association of caring people who are worried about the development of the university, for the development of state personnel potential. Our university is a leader in the field of energy, telecommunications, we are responsible for the development of the national economy of Kazakhstan.

Vice-rector for Science and
Innovation Activities



A. Saukhimov

Executive Secretary of
AUPET Board of Trustees



G. Smagulova