

XVI. Gylymi-zertteu zhumystary XVI. Research work

a) research
teaching
staff

<i>No</i>	<i>Activities (name of work)</i>	<i>Deadlines</i>	<i>Performers</i>	<i>Marks and progress</i>
1	<p>Carrying out R&D: 1) Development and research of the design of a stationary lift for loading grain cargo into containers transported by railway platforms 1.1 Development of a model of a stationary lift in the ANSYS application software environment for conducting the experiment; 1 article – KOKSNVO; 1 monograph. 1.2 Conducting an experiment in the software environment of the ANSYS application program, analyzing and evaluating the results and making adjustments to the design of the stationary lift. 1 article – Scopus; 1 patent application of the Republic of Kazakhstan.</p>	<p>2023</p> <p>2024</p>	<p>Askarov B.Sh., Balabaev O.T., Kasymzhanova A.D. Teaching staff of the department</p>	
	<p>2) Research and development of a steeply inclined conveyor with intermediate drives with linear asynchronous engines for open pit mining 2.1 Development of the design of a steeply inclined conveyor with intermediate drives with linear asynchronous motors. 1 article – KOKSNVO 2.2 Definition of dependencies of geometric parameters intermediate conveyor drives with linear asynchronous motors depending on power and pole size division. 1 monograph.</p>	<p>2023</p> <p>2024</p>	<p>Rozhkov A.V., Akashev A.Z., Balabaev O.T., teaching staff of the department</p>	
2	<p>Participation in competitions for grant funding: 1) Study of the operation of a stationary lift for loading grain cargo into containers transported railway platforms</p>	<p>2024</p>	<p>Kasymzhanova A.D.</p>	

3.	Training of scientific and scientific-pedagogical personnel. Preparation of master's theses:			
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	<p>3.1 “Research and optimization of the operation of access roads of the Pavlodar-Yuzhny station” of NC Kazakhstan Temir Zholy JSC;</p> <p>3.2 “Research and improvement of the technological process of the hump at the station "Central" JSC "Shubarkol-Komir";</p> <p>3.3 “Research and optimization of work with wagons at freight points of the station “Uzen” JSC “NC “Kazakhstan Temir Zholy”;</p> <p>3.4 “Research and optimization of car flows at the Tsentralnaya station of Shubarkol-Komir JSC;</p> <p>3.5 “Research and optimization of the supply and removal of cars to the access tracks of the Balkhash station of Kazakhstan Temir Zholy NC JSC;</p> <p>3.6 “Research and optimization of car flows on the access tracks of the Astana station of Kazakhstan Temir Zholy NC JSC;</p> <p>3.7 “Research and optimization of work with car flows at the Zapadnaya station of Shubarkol-Komir JSC;</p> <p>3.8 “Research and optimization of the operation of access roads at the Karazhal station of Kazakhstan Temir Zholy NC JSC;</p> <p>3.9 “Research and improvement of the hump at the station “Balkhash” JSC “NC “Kazakhstan Temir Zholy”.</p>	June 2024	Scientific supervisors, master's students	
4.	<p>Publication of R&D results</p> <p>4.1.Publication of articles - at least 3 articles (Scopus -1, KOKSNVO -2)</p> <p>4.2.Participation in conferences - at least 10 reports</p>	According to plan (attached)	teaching staff, master's students	
5.	<p>Participation and holding of the Interuniversity student conference in the section "Transport"</p>	April-May 2024	Teaching staff, master's students	
6.	<p>International activity</p> <p>6.1 Internship for teaching staff and undergraduates at Tashkent State Technical University (Tashkent, Uzbekistan): joint writing of articles and publications in ranking journals with a high impact factor</p> <p>6.2 Advanced training of teaching staff at universities. (Tashkent State Technical</p>	<p>During the academic year</p> <p>During the academic</p>	<p>Teaching staff, master's students.</p> <p>Askarov B.Sh. Balabaev O.T.</p>	

	University, Tashkent, Uzbekistan)	year	Kasymzhanova A.D.	
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7.	Research work with students	According to plan NIRS	Managers circles	
8.	Other types of scientific work 8.1 Coordination of topics of master's theses in agreement with enterprises Corporate University	According to plan (attached)	Askarov B.Sh. Rozhkov A.V.	

b) undergraduate student, master's student, doctoral student

<i>No.</i>	<i>Activities (name of work)</i>	<i>Deadlines</i>	<i>Performers</i>	<i>Completion marks</i>
1.	Formation of research circles: 1) Industrial transport	September 2023	Rozhkov A.V. Balabaev O.T.	
2.	Involvement of students and undergraduates in the research work of the department, including work under business contracts - at least 5 people.	According to the plan of the department	Askarov B.Sh.	
3.	Organization and holding of coursework competitions in the disciplines of the department: 3.1. System and control of train traffic on the topic: "Organization of operational work of a railway department" (course work) - at least 6 works. 3.2. Construction and operation of the track on the topic "Zholdy kurdeli zhondeu"kezindegі technology operation "Iardyn graphy" (course work) - at least 7 works.	December 2024 December 2024	Isina B.M. Kosbarmakov S.Zh.	
4.	Organization of cathedral conferences: 4.1 Based on the results of pre-diploma practitioner 4.2 Based on research results practitioner	April 2024 December 2023	Managers practitioner Scientific managers, master's students	
5.	Participation of students in the republican research competition - at least 3 works	January 2024	Teaching staff, students	
6.	Student participation in scientific conferences at various levels - at least 20 reports	During the school year	teaching staff, undergraduates, students	

7.	Organization of coursework – 21 and theses – 33 on scientific topics of the department	During the school year	Students	
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8.	Publication of the results of scientific work - at least 4 theses per conference	During school year	Managers clubs, students	
9.	Publication of research results in the media: 3rd year – 1 student.	During the school period of the year	Scientific supervisors	
10.	Additional types of work: 11.1. Formation of thesis topics in agreement with enterprises of the Corporate University	During the school year	Askarov B.Sh. Rozhkov A.V.	