

Scientific Research Work of Students

Scientific research work of students at the University is an integral part of the educational process and is an effective means of improving the level of professional training of young competitive, intellectually developed specialists with a sense of patriotism and civic responsibility.

Scientific research work of students at the university is carried out:

- in the framework of the educational process - it is the fulfillment of laboratory works and course projects with elements of scientific research, preparation of scientific reports, abstracts, diploma research, etc.;

- outside the educational process - works performed as part of student scientific clubs (SSC), participation of students (in groups or individually) in search-initiative and contractual scientific research works;

- in organizational and mass events based on the results of scientific research work of students - these are contests and conferences of various levels.

The Research Sector organizes and coordinates work to attract students to various forms of research, promotes the development of interest among university students in scientific research as a basis for obtaining new knowledge; helps identify and support the most proactive and active, capable and talented students who show a special interest in research activities and obtaining research results.

During classes, students encounter elements of scientific research when performing laboratory work and course projects, R&D projects, when preparing scientific reports, abstracts, diploma research, etc.

Every year, the most relevant and significant diploma theses (projects) are recommended by the State Attestation Commission for implementation in production and the educational process. In 2024, 1661 diploma theses (projects) were recommended for implementation 64 works or 3.9% of their total number.

Data on the implementation of students' diploma theses (projects) in production in 2024 by faculties and over the past 3 years are presented in Tables 1 and 2.

Table 1 - Data on the implementation of students' diploma theses (projects) in production for the 2023-2024 academic year

№	Full name of the Faculty/Institute	Number of diploma works			Implementation of Diploma Works	
		total	using elements of R&D	% of total number	Recommended (number/% of total number)	Implemented (number % of total number)
1	2	3	4	5	6	7
1.	IWMEC	255	32	12.5	20/7.8	3/1.2
2.	FT	327	42	12.8	7/2.1	3/0.9
3.	FEL	194	115	59.3%	-	5/2.6 %
4.	FNS	182	12	6.6	2/1,1	1/0.55
5.	FPSS	253	94	37.2	-	-
6.	FPH	421	313	74.3	35/8.3	20/4.8
7.	FPBMT	29	-	-	-	-
	Total:	1661	608	36.6	64/3.9	32/1.9

Table 2

Years	Total number of diploma works	Recommended for implementation (number/%)	Implemented in production (number/%)
2021-2022	2293	55/2.4	24/1.05
2022-2023	636	59/9.3	2/0.3
2023-2024	1661	64/3.9	32/1.9

The university pays great attention to students' research work outside of class time.

The most common form of student participation in research outside of class time is student research groups (SRC), which are created on a thematic basis. At the SNC, students acquire basic skills in scientific research, master theoretical and practical skills in methods of searching for new technical and creative ideas, develop and improve various technologies and devices, consolidate and deepen their skills in working with specialized scientific literature, and acquire practical skills in working in their specialty.

Starting from the 2021-2022 academic year, the meetings of the Council of People's Commissars have been held in an open format with the involvement of graduating schoolchildren and college students from Taraz and the Zhambyl region. Open meetings of the Council of People's Commissars allow schoolchildren to be involved in research, to become more familiar with the scientific areas of the clubs and educational programs of the departments, to visit the walls of our university, to see the auditorium fund, reading and conference rooms, laboratories, etc., which has a positive effect on the choice of a future specialty and the choice of a university after graduation. Open meetings are held in the form of seminars, round tables, exhibitions of models, exhibits, competitions of scientific papers, mini-conferences, training seminars, master classes, etc. Based on the results of open meetings, the best works of schoolchildren and college students are awarded with diplomas, certificates, and scientific directors of schools are awarded letters of thanks.

In the 2023-20234 academic year, the university has 61 student research clubs, involving 1,543 students or 12.2% of the total number of full-time students.

Data on the work of student scientific circles by institute/faculty and for the last 3 years are presented in Tables 3 and 4.

Table 2 - Data on the work of student scientific circles in the 2023-2024 academic year

№	Name of the Faculty/Institute	Number of clubs	Participation of students in clubs	
			Number of students in SSC	% of the total number of students
1	2	3	4	5
1.	IWMEC	11	260	13.1
2.	FT	16	358	17.4
3.	FEL	7	253	20.6
4.	FNS	6	109	8.6
5.	FPSS	8	271	16.5
6.	FPH	10	242	9.9
7.	FPBMT	3	50	2.5
	Total:	61	1543	12.2

Table 4

Years	Number of clubs	Number of students in clubs/% of the total contingent
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2021-2022	55	1390/12.2
2022-2023	54	1458/12.0
2023-2024	61	1543/12.2

An important indicator of research outside of class time is the participation of students in the implementation of search-initiative and contractual research. In the 2023-2024 academic year, the following students took part in the implementation of PNIIR : 235 students participated, students were not involved in the implementation of the scientific research projects and the state scientific research projects.

The data on student participation by faculties are presented in Table 5.

Table 5 - Data on students' participation in PNIIR/KHNIR for the academic year

No. p/p	Name of the Faculty/Institute	Number of students participating in SISRW	Number of students participating in	
			SSRW	CSRW
1.	IWMEC	41	-	-
2.	FT	38	-	-
3.	FEL	34	-	-
4.	FNS	16	-	-
5.	FPSS	50	-	-
6.	FPH	53	-	-
7.	FPBMT	3	-	-
	Total:	235	-	-

Data on student participation in SSRW and CSRW over the past 3 years are presented in Table 6.

Table 6

Years	Students' participation in SISRW	Students' participation in SSRW/CSRW
2021-2022	210	-/2
2022-2023	214	-/1
2023-2024	235	-

In order to attract students to organizational and mass events based on the results of research and to increase their mass participation in creative search, the university annually organizes student scientific conferences (at faculties and at the university level). Our students also participate in conferences outside the university.

From October 25 to October 31, 2023, the first selection round of the XXVI student scientific and practical conference was held at the faculties/institutes of Taraz Regional University named after M.Kh. Dulati , where 1139 student reports were heard (IWMEC - 194, FT - 245, FEL - 284, FNS - 68, FPSS - 124, FPH - 186, FPBMT - 38).

From 3 to 14 On May 20 24 , the second round of the XXVI student scientific and practical conference on natural, technical, social and humanitarian , pedagogical and economic sciences on the topic: " Student science - the world of research " was held at the university, in which 332 students took part (IWMEC - 48, FT - 89, FEL - 68, FNS - 27, FPSS - 53, FPH - 47). Based on the

results of the conference, 62 best student reports were awarded diplomas of the 1st , 2nd , 3rd degree.

Every year, university students take part in competitions at various levels.

Thus, in the 2023-2024 academic year , 82 students ' research papers were organized and submitted to the Republican Competition of Students' Research Papers in Higher Education Institutions of the Republic of Kazakhstan (FT - 34, FEL - 19, IWMEC -12, FPH - 12, FNS - 3, FPSS - 2, F FPBMT - 0) . The intra-university commission reviewed, selected and sent 81 works to 21 basic universities in 32 sections of research papers for participation in the 2nd round of the Republican Competition of Students' Research Papers in Higher Education Institutions of the Republic of Kazakhstan.

Data on the participation of university students in conferences of Dulati University and conferences of other universities, as well as in competitions of various levels for the 2023-2024 academic year by faculties and for the last 3 years are presented in Tables 7 and 8 .

Table 7 - Participation of students in conferences, competitions, exhibitions for the 2023-2024 academic year

No . p/p	Name of the Faculty/Institute	Number of students participating in conferences of DU	Number of students participating in conferences of other universities	Number of students participating in competitions, exhibitions (number of participants/number of winners)		
				international	republican	local
1.	IWMEC	242	7	4/4	19/9	3/3
2.	FT	334	4	18/15	39/6	13/13
3.	FEL	352	14	1/1	22/2	7/7
4.	FNS	102	7	6/2	8/2	5/5
5.	FPSS	187	32	12/12	10/6	5/5
6.	FPH	233	22	3/3	20/2	10/6
7.	FPBMT	38	-	-	-	-
	Total:	1488	86	44/37	118/27	43/39

Table 8 - Participation of students in conferences, competitions, exhibitions for last 3 years

Years	Number of students participating in conferences TarSU	Number of students participating in conferences of other universities	Number of students participating in competitions, exhibitions			
			international	republican	local	total in competitions
2021-2022	1479	110	87/52	145/40	87/41	319/133 (41.7%)
2022-2023	1555	139	68/22	154/40	90/45	312/107 (34.3 %)
2023-2024	1488	86	44/37	118/27	43/39	205/103 (50.2 %)

In total, in international, republican, regional, city and intra-university competitions in 2023-2024 205 students took part in the academic year , according to the results of which 37 were winners of international competitions, 27 - republican and 39 - regional, city and intra-university

competitions. In total , 103 students became winners of international, republican, regional, city and intra-university competitions .

Detailed information on the participation and results of students in international, republican, regional and city competitions for the 2023-2024 academic year is presented in Table 9.

Table 9 - Participation and results of students in international, republican, regional and city competitions for the 2023-2024 academic year

№	Name of competition	Number of participants	Winners
International			
1	1st International Competition of Young Designers of Footwear, Accessories, Leather and Fur Products «UZ CHARM - Style 2023», 04.09.2023	3 (FT-3)	2 (FT-2) Diplom, 3rd place 1. Turym Zh., Shamshieva D. - 6B07222-ITLP-21-1, 3rd year; Erkebay N. - 6B07222- ITLP - 22-2, 2nd year. 2. Kydyrbay M. - 6B07222-ITLP-20-1, 4th year; Shamshieva D. - 6B07222-ITLP-21-1, 3rd year; Erkebay N. - 6B07222- ITLP- 22-2, 2nd year.
2	International scientific research competition «Pleiades of young researchers» Petrozavodsk: ICNP "NEW SCIENCE", October 9, 2023	1 (FPSS-1)	1 (FPSS -1) 1st degree diploma Kadyr A. 6B03111-PSS, Scientific Supervisor Turdalieva Sh.T.
3	International scientific research competition «Research Initiative – 2023», Petrozavodsk : MCNPP "NEW SCIENCE" October 25, 2023	1 (FPSS -1)	1 (FPSS -1) 1st degree diploma Zhetpysbaeva Zh. 7M03111-PPASS Scientific Supervisor Turdalieva Sh.T.
4	II International Competition of Choreographic and Musical Art «GRANI», Taraz, November 24-27, 2023	1 (FPH – 1)	1 (FPH – 1) Gran-Pri (certificate and cup) Chaika Dilarom , 6B01706 - "Training of teachers of Russian language and literature", Scientific Supervisor Mykhanova Zh B.
5	International competition «Best student of the CIS – 2023», «Bobek», Astana, December 2023.	1 (FPH – 1)	1 (FPH – 1) Medal, diploma 1 Seagull Dilorom-4th year 6B01706 -RLL
6	XVIII international competition of scientific, methodological and creative works «Socialization, upbringing, education», Scientific and Production Center «Tradition», Russian Federation, Kirov , 12/31/2023.	1 (IWMEC-1)	1 (IWMEC-1) Diploma 3rd degree Amangeldieva Gulnaz, Nurzhitova Ayaulym- department of Architecture and SI Scientific Supervisor - Nogaibekova M.T.

7	Competition «Science without Borders» Czech Republic, 05.11.23, 04.01.24	3 (FPSS -3)	3 (FPSS -3) Diploma 2nd place – 2 Arystanbek E. Speech therapy - 23-2 Diploma 3rd place – 1 Sulemanova Guzal PMPE, 1st year
8	International competition «Best Student – 2024» among scientific and educational institutions of the Commonwealth of Independent States, OO «Bobek», Astana, 02.02.2024,	1 (FNS-1)	1 (FNS-1) 2nd degree diploma Sultan R.N., Ch-21-1 Scientific Supervisor - Taubaeva R.S.
9	International competition «World of Inspiration» Nomination: «Jewelry and accessories» Russia, Bashkortostan, Sterlitamak, Ufa Scientific and Technical University, 06- 08.02.2024	1 (FT- 1)	1 (FT- 1) Diploma, 1st place Zhiyemuratova Zhansuluy, 6B02111- Fashion Design, 3rd year Scientific Supervisor Smagulova G.S.
10	VII International Competition of Scientific Papers and Creative Projects of Students and Masters on the Use of ICT , Karaganda University named after Academician E.A. Buketova, March 14-15, 2024	9 (FT- 4; FNS - 5).	3 (FT- 2; FNS - 1). Diploma, 2nd place - 1 Seidazimov Aibek-FNS, PI, n/hand. - Raimbaeva S.A. Diploma, 3rd place - 2 Beksary Diana – FT, AT, Scientific Supervisor – Sugurova L.A. Akhmetshin Rome - FT, AIP, Scientific Supervisor. Taszhurekova Zh.K.
11	International competition of research works of students, postgraduates and young scientists in social, humanitarian and public sciences, Belgorod State Technological University named after V.G. Shukhova, Russia, April 5, 2024	1 (IWMEC-1)	1(IWMEC-1) 2nd degree diploma for the project on the topic "Development of ecological tourism in the Zhambyl region" Sarsenbekov Karmys – IWMEC , Scientific Supervisor – Shilibek K.K.
12	Competition «Science without Borders», Vilnius, Lithuania, 16.04.24	1 (FPSS -1)	1 (FPSS -1) Diploma 3rd place Kasymova N. - PP, 2nd year
13	Competition «Science without Borders», Vilnius, Lithuania, 21.04.24	1 (FPSS -1)	1 (FPSS -1) Diploma 2nd place Kaloshina K. - Speech therapy 2nd year
14	Competition of scientific research works within the framework of the XX International School of Students, Postgraduates and Young Scientists Conference «Innovatika – 2024», Tomsk , Russia, April 25-27, 2024.	1 (IWMEC-1)	1(IWMEC-1) Diploma for the project on the topic "Hydroponics and the Environment" Sarsenbekov Karmys – IWMEC, Scientific Supervisor – Shilibek K.K.

15	International online competition «The most effective digital educational platform», April 01-30, 2024	5 (FPSS-5)	5 (FPSS-5) 1st degree diploma – 1 Askarbek Asemai, PMPE 21-1 Diploma 2 degrees - 3 Sarypbek Kymbat, PMPE 20-1; Sultan Ulbike PMPE 21-1; Bigalikyzy Madina PMPE 22-1. 3rd degree diploma – 1 Miyatbek Asemai PMPE 21-1 Scientific Supervisor Aralbaeva A.G.
16	International correspondence course to the poster competition dedicated to 79th Anniversary of the Great Victory «I Remember – I 'm Proud!», Kazan State institute to culture, RF, 10-25.04. 2024	4 (FT- 4)	4 (FT- 4) Diploma 1st degree - 2 Chaichisalimi Alina Sharipova Ksenia Diploma 2 st.-1 Temirhan Diana Diploma 3 st. - 1 Kramynina Ekaterina 6B02112-Advertising design, 2nd year Scientific Supervisor Mukaeva A.M.
17	III International Competition of Scientific, Methodological, Creative Works «Motherland: Society, Security, Ecology», Russian Federation, Kirov , 04/30/2024	1 (IWMEC-1)	1 (IWMEC-1) 2nd degree diploma Kulerieva Mereke - Department of Architecture and SI Scientific Supervisor Nogaybekova M.T., Ispanova E.Sh.
18	International photography competition, Russia, Cheboksary, April-May 2024	5 (FT-5)	5 (FT-5) 1st degree diploma – 1 in the Studio portrait nomination : Baratbek Alua - 3rd year, Interior Design Diploma of the 3rd degree – 4 in the nominations: Food, Sunset, Sky, Purrs: Baratbek A. Kenjebolat O. Kenjebolat O. Nakhypzhan M. 3rd year, Interior design Scientific Supervisor Zhakipbekova D.A.
19	International competition of scientific research works in the humanitarian and socio-economic spheres of research, Youth public association «Young scientists of Almaty region», 11.05.2024.	FEP - 1	FEL - 1 Diploma, 1st place: Kenes Dariga, Omirali Nuria - FEL, Economics Scientific Supervisor - Erseitova A.U., Chimgentbaeva B.
20	International competition «Fundamentals of modern translation studies», Erudite LLC, Saratov, Russian Federation, 11.05.2024	1(FPH-1)	1(FPH-1) Diploma, 1st place Akhmetova Rukhshona- FPT,

			Scientific Supervisor - Karkimbaeva Zh.S.
21	As part of the V International Competition «Creative World» Innovations and Traditions in Design: Combining Modern Technologies and Art Institute of Design and Technology «Symbat» ASUE , 2024 Almaty	1 (FT-1)	1 (FT -1) Diploma, 1st place Kaparbekkyzy A., Usen A. 6B02111- Fashion design Scientific Supervisor Zhapparova A.K., Kelesova U.S.
	Total for international competitions:	44 participation: IWMEC-4; FT-18; FEL-1; FNS-6; FPSS-12; FPH-3; FPBMT-0.	37/84.1% - winners: IWMEC-4; FT-15 ; FEL - 1 ; FNS- 2 ; FPSS - 12 ; FPH-3; FPBMT-0.
Republican			
1	Republican competition for student scholarships Nursultan Nazarbayev Foundation, Almaty , June - September 2023	15 (FPH – 4; FT – 2; FEP-3; IWMEC – 2; FNS – 2; FPSS – 2)	4 (IWMEC-1, FNS-1, FT-2) 1. Luft Daniil – IWMEC , 5th year, 6B07318 – The architecture of the urban environment; 2. Bayramova Zukhra – Faculty of Natural Sciences, 3rd year, 6B05112 – General Biology; 3. Bekturganova Shyrailim – FT, 4th year, 6B02111 – Fashion design; 4. Mamyraly Nazgul – Faculty of Economics, 4th year, 6B05413 – Mathematics and teaching mathematics.
2	Choreography competition of the Kazakh SSR Khalyk artisti Dauren Abirov atyndagy Kazakh erler biin orndaushylardyn I, Kazakh National choreography Akademiyasi. Astana city, 2.11.2023	1 (FPSS-1)	1 (FPSS-1) Diploma, 3rd place Arshanbek Bakhtiyar - Department of Culture and Art, Scientific Supervisor - Kurumbaeva Zh.M.
3	Republican competition «White Road Alasha», Shymkent, November 2023.	2 (FNS-2)	-
4	Competition for the State Youth Prize «Daryn», organized by the Order of the Minister of Information and Social Development of the Republic of Kazakhstan, November 20, 2023	2 (FPH-2)	-
5	Creative online competition «The World of Abai», Almaty , November 20, 2023	1 (FPSS-1)	1 (FPSS-1) Diploma, 1st place - 1 Raisova Aigerim PPE 22-1 Scientific Supervisor - Kashkynbaeva Z.K., department of DiNO

6	The Republican competition «Best scientific project», held at the international level , Center «KKO» Almaty 12/12/2023	3 (IWMEC-3)	3 (IWMEC-3) Diploma 1st degree -3: 1.Sman A.S. 6B07311-2021-1 2. Bolatbek A.B. 6B07311-2021-1 3. Berdikul A. 6B07311-2021-1 Scientific Supervisor Nuraly Zh.U., LCREV
7	IV Republican competition of scientific works of schoolchildren and students «I am a researcher», Scientific and Methodological Center «ZIAT» Astana, 12/30/2023	1 (IWMEC-1)	1 (IWMEC-1) 1st degree diploma -1 1. Sman A.S. 6B07311-2021-1 Scientific Supervisor Nuraly Zh.U., LCREV
8	Based on the order of the Ministry of Education №514, the Republican competition «Zhyr Alyby – Zhambyl», organized by the intellectual association «Ashyk Alan», Astana city, 01/10/2024.	2 (FPSS-2)	2 (FPSS-2) Diploma, Main Prize - 1 Əbenkyzy Gulmira PPE 22-1 Diploma, 1st place - 1 Baltabaeva Venera PPE 22-1 Scientific Supervisor - Kashkynbaeva Z.K., department. PPE
9	Republican competition «Magzhan readings», organized by the intellectual center «Myn Bala» on the basis of the order of the Ministry of Education №514, Astana, 01/30/2024.	2 (FPSS-2)	2 (FPSS-2) Diploma, Main Prize - 1 Imanzhan Zhannat, PPE 22-1 Diploma, 1st place - 1 Meiramova Arna PPE 22-1 Scientific Supervisor - Kashkynbaeva Z.K., department of PPE
10	Republican competition for the scholarship named after Sh. Yesenov , Scientific and educational foundation named after Academician Shakhmardan Yesenova , Astana , February 1 - March 5, 2024	4 (FNS-1, FT-3)	-
11	Republican competition of students' research works (SRW) in natural, technical, social, humanitarian and economic sciences in higher educational institutions of the Republic of Kazakhstan in the 2023-2024 academic year , April-May 2024.	82 (FT-34, FEL-19, IWMEC-12, FPH-12, FNS-3, FPSS-2, FPBMT-0).	10 (FT-4, FEP-2, IWMEC-3, FNS-1) 1st degree diploma – 2 - Zhumataeva Maral, FT Head of department: Sadieva H.R. - Dauletkulov Islambek, IWMEC Scientific Supervisor Sagyndykov A.Ə. 2nd degree diploma - 2 - Shildekhan Erdaulet, Sarsekhanova Bagdat, Sandybayuly Danel, FT Scientific Supervisor Abzalbekily Bekzhan - Ergali Aidos, FNS Scientific Supervisor: Nurberdiev A.T. 3rd degree diploma – 6 - Baltaeva Balausa, Kuandyk Aruzhan, Sultanbekova Nurai,

			<p>Nurmakhan Diana, FT Scientific Supervisor Mynbaeva A.B. - Zhandarbek Aiman, IWMEC Scientific Supervisor Nuraly Zh.U. - Vasily Nasyrova, FEP Scientific Supervisor Bekbaulina S.Kh. - Omirali Merey, FT Scientific Supervisor Duisembaeva A.T. - Yeshenkulova Balzhan, FT Scientific Supervisor Moldataeva S.N. - Tursynbay Arailym, IWMEC, Scientific Supervisor Bayzhigitova M.T.</p>
12	Essay competition «The meaning of life - what is it?» Al- Farabi Kazakh National University , Almaty , 04/26/2024	2 (FPH-2)	<p>2 (FPH-2) 1st degree diploma 1. Aliukhanova Rufina, 3rd year, 6B01706 - TTRLL 2.Vavulidi Ilaria , 3rd year 6B01706 - TTRLL</p>
13	XI Republican competition of scientific works of schoolchildren and students «Modern Science», NMC «ZIAT», 04/30/2024	1 (IWMEC-1)	<p>1 (IWMEC-1) Diploma, 2nd place -1 1.Boran Ansar - IWMEC Scientific Supervisor Dzhanaeva Zh.M., Ecology</p>
	Total for republican competitions:	118- participation: IWMEC-19; FT-39; FEL-22; FNS-8; FPSS-10; FPH-20; FPBMT-0.	27/22.9% - winners: IWMEC-9; FT-6; FEL-2; FNS-2; FPSS-6; FPH-2; FPBMT-0.
Regional, city, intra-university			
1	Competition of the youth prize of the regional akim «Auliyeyata uzdigi», Department of Youth Policy of the Akimat Zhambyl region, December 1, 2023	2 (FPH-2)	-
2	Competition for the qualification of «Research Student», Dulati University , March 2024	40 (FNS – 5; IWMEC – 3; FT – 13; FEL – 7; FPSS – 4; FPH – 8; FPBMT – 0)	38 (FNS – 5; IWMEC – 3; FT – 13; FEL – 7; FPSS – 4; FPH – 6; FPBMT – 0)
3	«I love life» Social project of Taraz city , MTII named after Sh. Murtaza, 04/26/2024	1 (FPSS-1)	<p>1 (FPSS-1) The main prize is 100,000 tenge and a letter of thanks Musaeva A.K. Scientific Supervisor - Usenova S.M. Department of Social Psychology</p>

	Total for regional, city and intra-university competitions:	43-participation: IWMEC - 3; FT – 13; FEL - 7; FNS -5; FPSS-5; FPH-10; FPBMT-0	39/90.7% - winners: IWMEC - 3; FT – 13; FEL - 7; FNS - 5; FPSS-5; FPH-6; FPBMT-0
	TOTAL for international, republican, regional, city and intra-university competitions:	205-participation: IWMEC - 26; FT – 70; FEL – 30; FNS - 19; FPSS - 27; FPH-33; FPBMT-0	103/50.2% - winners: IWMEC - 16; FT – 34; FEL - 10; FNS - 9; FPSS - 23; FPH-11; FPBMT-0

STARTUP PROJECTS for the 2023-2024 academic year

In the 2023-2024 academic year, **20 startup projects** of students and young scientists of Dulati University **became winners with a total investment of 9,627,200 tenge**, including 19 student projects with a total investment of 9,127,200 tenge and 1 project of young teachers in the amount of 500,000 tenge.

In the first half of the 2023-2024 academic year, **8 startup projects became winners with a total investment of 8,387,200 tenge**, of which 7 startup projects of students with a total investment of 7,887,200 tenge and 1 startup project of young scientists with an investment of 500,000 tenge:

1. **Darkhanbek Ayaulym, Ismail Ayaulym, Kanzhan Ayaulym, Kanatbek Ulzhan** – a team of students of the Department of Chemistry and Chemical Technologies» who won the intellectual team competition «Student Energy Challenge" Association «KAZENERGY» in partnership and financial support of the company «Shell Kazakhstan B.V.» and received the prize fund 5000 US dollars for the implementation of its project "Preparation of membrane filters using agricultural waste and natural resources».

2. **Seydazimov Aybek, Islamov Dinmuhamed, Ashimbekov Asylbek** – students of the Department of «Physics and Informatics» became winners in the competition for awarding a grant in the amount of 500,000 tenge «Generations of Independence» in the nomination «Information Technologies» of the Youth Resource Center of the Department of Internal Policy of the Akimat of Taraz.

3. **Zharylkasyn Dana** – a student of the Department of «World Languages», became the winner in the competition for awarding a grant in the amount of 500,000 tenge «Generations of Independence» in the nomination «Business» of the Youth Resource Center of the Department of Internal Policy of the Akimat of Taraz.

4. **Musa Nurdaulet** – a student of the Department of «Philology and Journalism» became the winner in the competition for awarding a grant in the amount of 500,000 tenge «Generations of Independence» in the nomination «Business» of the Youth Resource Center of the Department of Internal Policy of the Akimat of Taraz.

5. **Orakbayeva Margaret** – a student of the Department of «Physics and Computer Science», became the winner in the competition for awarding a grant in the amount of 500,000 tenge «Generations of Independence" in the «Media nomination of the Youth Resource Center of the Department of Internal Policy of the Akimat of Taraz.

6. **Aknamuradov Adlet** – a student of the Department of «Music and Art Education», became the winner in the competition for awarding a grant in the amount of 500,000 tenge

«Generations of Independence" in the nomination «Science» of the Youth Resource Center of the Department of Internal Policy of the Akimat of Taraz.

7. **Abiden Kanat, Nurberdiev Alimardan** – young teachers of the Department of «Physics and IT» became winners in the competition for awarding a grant in the amount of 500,000 tenge «Generations of Independence» in the nomination «Science» of the Youth Resource Center of the Department of Internal Policy of the Akimat of Taraz.

8. **Aueskhanova Aliman** – a student of the Department of «Land Reclamation and Agronomy», became the winner in the competition for awarding a grant in the amount of 3,000,000 tenge «Generations of Independence» in the «Media» nomination of the Ministry of Culture and Information of the Republic of Kazakhstan.

In the second half of the 2023-2024 academic year, **12 startup projects of young scientists of Dulati University became winners with a total investment of 1,240,000 tenge:**

1. **Azizkhanov Toir, Baiterekov Chingizgoriai** – the team of «Seekers of wealth», students of the Department of «Applied Informatics and Programming» of TF took the 3rd prize in the Pizza Pitch project Zhambyl IT Hub, held in Taraz, March 15, 2024.

2. **Asan Dias, Kobeeva Anel, Zulufova Milena, Seydazimov Aibek, Seydikhan Malika, Bakirova Amina, Bekler Deniz, Almukhanbet Sara, Madygulova Ayanat, Ruslan Nurai** – a team of Enactus Dulaty students won a landslide victory among 50 teams from various universities, schools and colleges in the Republican competition of startup projects Areket-2024, held on 19 April 2024 on the basis of the International Taraz Innovation Institute named after Sherkhan Murtaza. The LasMate project took 1st place and won a cash prize in the amount of 150,000 tenge, as well as a certificate in the amount of 100,000 tenge from the sponsor «Magnat».

3. **Bikashev Vladislav** – a student of Faculty of «Economics and Law», won the 3rd prize and a cash prize in the amount of 50,000 tenge for the project «Production of pastilles and fruitchips "FRUITCHIPSKZ"» in the Republican competition of start-up projects Areket-2024, held on April 19, 2024 on the basis of the International Taraz Innovation Institute named after Sherkhan Murtaza.

4. **Astaev Maksat, Baltabai Akimzhan, Balpan Abduakhad, Sabitov Meirimkhan** – IT jastary team, students of the «Faculty of Natural Sciences», took 1st prize and received 100,000 tenge in the intra-university competition «DULATY HACKATHON - 2024», held on April 22-23, 2024.

5. **Seydazimov Aybek, Ashimbekov Asylbek, Abuova Akerke, Islamov Dinmuhamed** – Hexagon team, students of the «Faculty of Natural Sciences», took 2nd prize and received 60,000 tenge in the intra-university competition «DULATY HACKATHON - 2024», held on April 22-23, 2024.

6. **Mustafin Alinur, Nurzhau Orken, Begimyai Nurdaulet, Amanbekov Syrymzhan** – PICO PARK team, students, took 3rd place and received 40,000 tenge in the intra-university competition «DULATI HACKATHON - 2024», held on April 22-23, 2024.

7. **Shinali Bauyrzhan, Kaysarbek Bakytbek, Torekul Yernur, Usen Eldar** – IST team, students of the Faculty of Technology, took 3rd place and received 40,000 tenge in the intra-university competition "DULATI HACKATHON - 2024", held on April 22-23, 2024.

8. **Seidilkhan Malika** – a student of the Department of «World Languages» of the «Faculty of Philology and Humanities», became the winner of the National Expo 2024, held on April 25-26, 2024 in Astana and received a monetary reward in the amount of 200,000 tenge.

9. **Asan Diaz** – the captain of the «Enactus Dulaty» team (FPH) took 1st prize and 200,000 tenge in the course of intellectual startups «DULATY START-UP-2024: Student Energy Challenge», held on May 13, 2024.

10. **Seydazimov Aybek, Ashimbekov Almas** - the HEXAGON team (FNS) took 2nd prize and 150,000 tenge in the intellectual start-up course «DULATY START-UP-2024: Student Energy Challenge», held on May 13, 2024.

11. **Nabieva Karakoz, Ysrayil Saltanat, Torgautova Arailym, Turganova Gulbala** - the ECOSTART team (FNS) took the 3rd prize and 100,000 tenge in the course of intellectual startups «DULATY START-UP-2024: Student Energy Challenge», held on May 13, 2024.

12. **Ongdashyn Beibit, Yerkebai Nurdaulet, Altybai Azhar, Tauekelova Nurzhaina** - «The Ecology - kaldyksyz Technology» (TF) team became the winners in the nomination «Best Ideas» and received 50,000 tenge in the course of intellectual startups «DULATY START-UP-2024: Student Energy Challenge», held on May 13, 2024.

The total volume of investments attracted to the university, received from Startup projects in the 2023-2024 academic year amounted to 9,627,200 tenge.

Name of the competition	Number of Startups	Investment volume, tenge
«Student Energy Challenge» of the «KAZENERGY» Association, October 5-6, 2023	1	2 387 200
Competition for the award of a grant of 500,000 tenge «Generations of Independence» of the Akimat of Taraz, October 25, 2023	6	3,000,000
Competition for the grant of 3,000,000 tenge «Generations of Independence» of the Ministry of Culture and Information of the Republic of Kazakhstan, November 26, 2023	1	3,000,000
Total: for the 1st half of the 2023-2024 academic year	8	8 387 200
Pizza Pitch Zhambyl IT Hub project, Taraz, March 15, 2024.	1	-
Areket-2024, April 19, 2024.	2	300,000
«DULATY HACKATHON - 2024», April 22-23, 2024.	4	240,000
National Expo 2024, Astana Kazakhstan 25-26 april 2024.	1	200,000
«DULATY START-UP-2024: Student Energy Challenge», May 13, 2024.	4	500,000
Total: for the 2nd half of the 2023-2024 academic year	12	1 240 000
Total: for the 2023-2024 academic year	20	9 627 200

An important final indicator of research work is the publication of joint articles by students and teachers. In the 2023-2024 academic year , 271 scientific articles and reports were published in the university collections, and 302 in other publications. In total, for the reporting year, the number of publications by students and teachers in the university collections and other publications was 573.

Data on the results of publications of students with teachers for the 2023-2024 academic year by faculties and for the last 3 years are presented in Tables 10 and 11.

Table 10 - Results of joint publications and patents of students with teachers for the 2024-2025 academic year

No . p/p	Full name faculty	Number of articles published in university collections	Number of publications in other editions	Total publications	Number of patents obtained by students
1.	IWMEC	21	1 1	32	-
2.	FT	35	28	63	-
3.	FEL	25	56	81	-
4.	FNS	26	10	36	-
5.	FPSS	23	118	141	-
6.	FPH	141	74	2 15	-

7.	FPBMT	-	5	5	-
	Total for the university:	271	302	573	-

Table 11

Years	Number of publications in university collections.	Number of publications in other editions	Total number of publications
2021-2022	109	259	368
2022-2023	180	449	629
2023-2024	271	302	573

In order to stimulate students' scientific activity and identify the most talented and gifted among them, our university annually holds a competition to award the qualification of «Research Student». The qualification is awarded to students by decision of the University Academic Council for effective scientific work and high academic performance.

In 2024, as a result of a competitive selection, 38 university students were awarded the qualification of «Research Student» (FNS – 5; IWMEC – 3; FT – 13; FEL – 7; FPSS – 4; FPH – 6):

- Burambaev Baktiyar, Kuandykov Alibi, Ismailova Rabia, Baiseitova Aisha, Yusupova Khafisa (FNS);
- Sman Anel, Bolatbek Aruzhan, Beisenbekova Zhansaya (IWMEC);
- Ibragimova Nasiba, Makulbek Gulnaz, Turym Janel, Serik Balzhan, Elshibek Asylai, Moldakulova Enlik, Sataybekova Togzhan, Zhazykbaeva Dayana, Slambek Zere, Ponomarenko Anastasia, Kosareva Veronica, Inkarbek Aishabibi, Edige an (FT);
- Zhetibay Bernard, Nurova Erkenaz, Meldebek Aisulu, Orazbek Dinmuhamed, Saitbaeva Adilya, Ziildaeva Aizhan, Sagymbaeva Albina (FEL);
- Nargiza Kasymova, Esmer Dursunova, Khilola Madraimova, Kurmanzhan Dzhakipbekova (FPSS);
- Kelesbek Nurzada, Zholdas Perizat, Sagynbaev Medet, Zhanabaev Dias, Aliakhunova Rufina, Vavulidi Ilaria (FPH).

Over the past 3 years, 96 students have received the qualification of "Research Student", including: in 2022 - 34 students; in 2023 - 24 students; in 2024 - 38 students.