



ACHIEVEMENTS IN THE FIELD OF QUALITY
of the office of educational programs «Computer Science» for the 2023 - 2024 academic year

Goal content	Criteria for achieving the goal
Functioning of corporate management principles of the office of educational programs “Computer Science”	<ul style="list-style-type: none"> – 27 office teachers completed advanced training courses “Inclusive education in higher education institutions” for 72 hours; – 20 teachers completed advanced training courses “Modern programming languages and software development technologies”; – 9 office teachers completed advanced training courses “Artificial Intelligence in the Educational Process” for 72 hours; – 8 office teachers completed advanced training courses “Modern methods of teaching and assessment for innovative educational programs” for 72 hours; – 2 office teachers completed advanced training courses “Inclusive education: teaching the blind and visually impaired using a Braille typewriter” for 72 hours; – 11 office teachers completed advanced training courses “Computer systems security. Cloud technologies. Software for economic calculations" for 72 hours .
Ensuring the high quality of educational services provided in accordance with the best practices of universities	<p>The educational programs of the office are accredited by the Kazakhstan Association of Modern (Elite) Education (KAZSEE):</p> <ul style="list-style-type: none"> – 6B06103 – "Computer Engineering and Software" – for the period from 26.12.2023 to 25.12.2028; – 7M01501 – "Informatics" – for the period from 26.12.2023 to 25.12.2028.
Ensuring the high quality of methodological support of the educational process	<ul style="list-style-type: none"> - staffing of office disciplines with electronic educational and methodological complexes 100%; – 3 teaching aids have been developed and published through Toraighyrov University.
Functioning of the educational process through the research activities of the teaching staff	<p>1. under the guidance of Associate Professor N.K. Tokzhigitova, research work is being carried out on grant financing of young scientists for scientific and (or) scientific and technical projects for 2023-2025 on the IRN AR 19677291 "Кәсіптік бағдар беру мақсатында жоғары сынып оқушыларының IT құзырлылықтарын геймификация арқылы жасырын бағалаудың платформасын әзірлеу ";</p>

	<p>2. under the guidance of postdoctoral fellow Alimova Zh.S., research work is being carried out on grant financing of IRN AR14972847 «Деректердегі айқын емес байланыстарды анықтау мен терең талдауды жүзеге асыратын алгоритмі мен компьютерлік бағдарламасын әзірлеу»;</p> <p>3. under the guidance of Professor Ospanova N.N., research work is being carried out on grant financing of young scientists for scientific and (or) scientific and technical projects for 2024-2026 on the ZhTN AP23485289 "«Формальды емес оқытуды дамытудың және қолжетімді білім беруді қамтамасыз етудің тиімді құралы тұрғысынан жаппай ашық онлайн курстар платформасын әзірлеу әдіснамасы» ҒЗЖ;</p> <p>4. under the guidance of Professor D.S. Naimanova, research work is being carried out on grant financing of young scientists for scientific and (or) scientific and technical projects for 2024-2026 on the IRN AR 234898051 "Methods of data mining to determine factors affecting the professional development of students of technical specialties";</p> <p>5. 6 publications in scientific journals recommended by the KOKSNVO MNHE RK;</p> <p>6. 2 certificates of state registration of a computer program;</p> <p>7. 13 publications in peer-reviewed foreign journals indexed by the Web of Science and Scopus databases;</p> <p>8. 40 publications in the materials of domestic conferences.</p>
Functioning of the educational process through the research activities of students	<p>1. 80 students took courses and received certificates through the Coursera platform for mass online education.</p> <p>2. Academic mobility, student of the CS-301 group Kabzhenov Aibar, Palacky University, Czech Republic.</p> <p>1. Organization and holding of the XVI Republican Student Olympiad in the field of training 6B061 Information and Communication Technologies, April 2024</p> <p>2. Holding the Republican Decentrathon Hackathon among those interested in the Pavlodar region May 2024</p> <p>3. Meetup on the use of blockchain Aigerim Gilmanova - Bachelor of Electrical and Electronic Engineering at Nazarbayev University, Master of Robotics and Computer Vision at Innopolis University, product owner at Blockchain Center, senior lecturer in blockchain practice at Astana IT Universitet. September, 2023</p> <p>4. 38 students and undergraduates took part in the Satpayev Readings.</p> <p>5. Holding an Olympiad among school and college graduates in the discipline of Information Technology, October-November 2024</p>

Formation of a contingent of students under educational programs

Employment of graduates under the educational programs of the office:
– 6B06103 "Computer Engineering and Software" – 88%, 7M01501 "Informatics" – 90%; 6B06102 "Informatics" – 100%, 7M06102 – Information Systems – 90%;
–6B06102 "Information Systems " – 92%.

**Head of the OP
«Computer Science»**

N. N. Ospanova

