

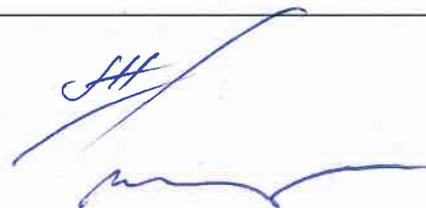
ACHIEVEMENTS IN THE FIELD OF QUALITY OF THE DEPARTMENT «PHYSICS, MATHEMATICS AND INSTRUMENTATION» FOR THE 2024-2025 ACADEMIC YEAR

Goal content	Criteria for achieving the goal
Functioning of the corporate management framework of EPO «Physics, Mathematics and Instrumentation»	<ul style="list-style-type: none"> – 4 faculty members of the department completed the professional development course «Academic Leadership Institute: Artificial Intelligence and Sustainable University Transformation» with a total workload of 80 hours; – 22 faculty members of the department completed the professional development course «Повышение предметно-дидактических компетенций по преподаваемым дисциплинам» with a total workload of 72 hours.
Ensuring the high quality of educational services provided in accordance with the best university practices	<p>The office's education programs are accredited by agencies</p> <ol style="list-style-type: none"> 1. Kazakhstan Association of Modern (Elite) Education (KAZSEE): <ul style="list-style-type: none"> – 6B05301 – «Physics», EXPIRY DATE 25 December 2028; – 6B05401 – «Mathematics», EXPIRY DATE 25 December 2028; – 6B05402 – «Mechanics», EXPIRY DATE 25 December 2028. 2. Central Asian Association for Accreditation of Education (CAAAE): <ul style="list-style-type: none"> – 7M07105 – «Instrument Engineering», EXPIRY DATE 11 June 2029; – 6B071112 – «Instrument engineering», EXPIRY DATE 11 June 2029; – 7M05301 – «Physics», EXPIRY DATE 11 June 2029; – 7M05401 – «Mathematics», EXPIRY DATE 11 June 2029.
Ensuring high-quality methodological support of the educational process	<ul style="list-style-type: none"> – staffing of disciplines with electronic educational and methodological complexes 100 %.
Functioning of the educational process through the teaching staff research activities	<ul style="list-style-type: none"> – The journal Bulletin of Toraighyrov University, series “<i>Physics, Mathematics and Computer Sciences</i>” (priority area: “<i>Theoretical and Experimental Physics</i>”), is included in the List of Publications Recommended by the Committee for Quality Assurance in Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan (CQASHE MSHE RK); – 8 publications in scientific journals recommended by the CQASHE MSHE RK;

	<ul style="list-style-type: none"> - 3 publications in scientific journals indexed in the international databases Web of Science and Scopus; - 2 publications in international peer-reviewed journals (indexed in Scopus); - 2 certificates of state registration of a computer program; - 2 certificates confirming the entry of information into the state register of rights to copyright-protected objects.
Functioning of the educational process through the student research activities	<ul style="list-style-type: none"> - 52 students completed courses via the Coursera massive open online learning platform and received certificates in the following subjects: "<i>Matrix Algebra for Engineers,</i>" "<i>Variable Motion and Gravitation,</i>" and "<i>Welcome to Game Theory</i>"; - Students of the educational program 6B05301 – Physics participated in research competitions and won prize places: Republican Research Competition: - Fariza Sarsenova – Diploma of the II degree.
Student contingent forming of education programs	<p>Employment of graduates:</p> <ul style="list-style-type: none"> - 6B05301 – «Physics» –100 %; - 7M05301 – «Physics» – 100%; - 6B05401 – «Mathematics» –100%; - 7M05401 – «Mathematics» – 100%; - 6B071112 «Instrumentation» – 100%; - 7M07105 – «Instrumentation» –100%; - 6B05402 – «Mechanics» –100%.

Head of Department
«Physics, Mathematics and Instrumentation»

Dean of the Faculty «Computer Science»



A. B. Iskakova

N.A. Ispulov

