

Goal content	Criteria for achieving the goal
Functioning of the corporate management framework of EPO «Physics, Mathematics and Instrumentation»	The teaching staff of EPO «Physics, Mathematics and Instrumentation» have completed the following 72-hour refresher courses: — «Inclusive education in higher education institutions», 21 persons; — «Artificial intelligence in the educational process», 4 persons; — «Modern teaching and assessment methods for innovative education programs», 3 persons; — «Inclusive education: teaching the blind and visually impaired on a Braille typewriter», 2 persons; — «Development of subject competencies in the discipline «Physics» within the framework of the updated content of education», 1 person; — «Mathematical methods of electrodynamics», 1 person; — «Development of subject competencies in the discipline «Non-destructive testing and technical diagnostics», 1 person; — «Management in higher education. Risk management in the higher education system», 1 person.





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Ensuring the high quality of educational services provided in accordance with the best university practices	The office's education programs are accredited by agencies
	1. Kazakhstan Association of Modern (Elite) Education (KAZSEE):
	- 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):
	- 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	- staffing of disciplines with electronic educational and methodological complexes 100 %;
methodological support	- 1 educational and methodical manual has been developed (published by Toraighyrov
of the educational process	University).





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Functioning of the educational process through the teaching staff research activities	 Research work is being carried out on grant funding for young scientists on scientific and (or) scientific and technical projects: IRN AP19576361 "Studying the effect of the plasmon effect in nanocomposite materials of an ultraviolet detector" (2023-2025, head associate professor A. Zhumabekov); Bulletin of Toraighyrov University. Physics, Mathematics & Computer Science series. Priority area: Theoretical and Experimental Physics (included in the list of publications recommended by CQAFSHE MSHE RK). Published: 6 articles in scientific journals recommended by CQAFSHE MSHE RK; 3 publications in scientific journals included in the international databases Web of Science and Scopus; 2 publications in international cited journals (Scopus). Received: 2 certificates of state registration to a computer program; 2 certificates of entry of information into the state register of rights to objects protected by copyright.





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Functioning of the educational process through the student research activities	Students took courses through the Coursera online mass education platform on the following topics «Introduction to Materials Science», «Optics», «Introduction to Quantum Mechanics» and received certificates (22 students). Students of EP 6B05301 – «Physics» participated in research competitions and received diplomas: IV international scientific research competition «The first step into big science»: Ayaulym Zhumadildinova – First degree Diploma; II International Scientific research competition «For Science! To the cause»: Birzhan Elemes – First degree Diploma; Marat Bouez – First degree Diploma.





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1.5-	Employment of graduates:
Student contingent forming of education programs	-6B05301 - (Physics) -100 %;
	-7M05301 - (Physics) - 100%;
	-6B05401 - (Mathematics) - 100%;
	-7M05401 - (Mathematics) - 100%;
	- 6B071112 «Instrumentation» - 75%;
	-7M07105 – «Instrumentation» $-100%$;
	-6B05402 - (Mechanics) -100%.

Head EP «Physics, Mathematics and Instrumentation»

SH

A. B. Iskakova

