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Annex 1

Program

Meeting of the Academic Committee

Development of Innovative Educational Programs in Engineering, Processing, Natural Sciences, and Agriculture

Date: 09.12.2022 **Venue: Toraighyrov University, Kazakhstan**

Time	Topics	Speaker
9.30 – 10.00 AM	Registration	
10.00 -10.15 AM	Opening speech. The needs and prospects of the Pavlodar region in workforce: the contribution of Toraigyrov University to meeting the needs of the region	Dr. Petr Bykov, Vice Rector for Academic Affairs Toraighyrov University
10.15 – 10.30 AM	On the development of innovative educational programs	Dr. Asylbek Kassenov, Head of the Department of Academic Affairs Toraighyrov University
10.30 AM – 12.00 PM	Peculiarities of innovative educational programs in the following areas: *- development of predictive analytics and digital twins:* 1) Predictive diagnostics of technological equipment; *- technologies in the field of genetic engineering and new varieties of animal husbandry:* 2) Agroecology; 3) Biology and Kinesiology; *- technologies of digitization and modernization by "smart sensors":*	Discussion: representatives of enterprises and organizations, representatives of academic staff of Toraighyrov University,

	4) Energy management; - *recycling and processing:* 5) Metallurgy and recycling; - *new sociology, economics and territorial development:* 6) Urbanism and territorial development.	developers of educational programs
12.00 PM – 1.00 PM	Joint activities of Toraigyrov University, the National Chamber of Entrepreneurs "Atameken" and enterprises in workforce transformation	Dr. Petr Bykov, Vice Rector for Academic Affairs Toraighyrov University
1.00 PM – 2.00 PM	Lunch break	
2.00 PM – 3.00 PM	Personalized employment of graduates by order of enterprises and organizations	Dr. Aliya Bitkeeva, Director of the Career Center, Toraigyrov University
3.00 PM – 4.30 PM	Development of dual programs.	Dr. Madeniyet Yelubai, Head of the Department of Chemistry and Chemical Technologies, Toraigyrov University
4.30 PM – 5.00 PM	Wrap-up. Questions-Answers.	Dr. Petr Bykov, Vice Rector for Academic Affairs Toraighyrov University