

Kushaliev Dauren Kaysarovich Ph.D.,

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## **Professional practice:**

Total work experience: 16 years I. O. associate professor of the Department "Transport Transport Engineering and technology" Awards: - Award of the honorary diploma "best young standardizer - 2014". Reference Center, RGP" Kazakhstan Institute of standardization and certification "Astana, 2014. "-A. Kulginov," "the Fourth International Investment Forum WestKazInvest-2017""." Uralsk, 2017 -Service "Best Teacher of the University" 2018 Mon RK. Nur-Sultan, 2018 - Certificate" the best young scientist in the agricultural sector " NASEC Nur-Sultan, 2019. Diploma I step "best candidate of science" 2020g.

## Academic degree, title, scientific school:

\*PhD – Transport, Transport Equipment and Technologies (6D071300)

## Specialty: Transport, transport equipment and technologies

**Research interests:** 

Since 2010, he has been dealing with problems of tribology and tribotechnics in relation to nodes and mechanisms of transport equipment and technological equipment.

## Scientific projects

For active participation in educational, research and educational work has a number of incentives:

-Winner of the regional competition of innovative projects "Zhas galym – 2012" Uralsk 2012. For active participation in educational, research and educational work has a number of incentives:

-Finalist of the republican competition of innovative business plans 'NIF50\$K" "Innovative fast and furious" Astana 2012.

-Won the Republican competition for the substantiation of the concept the project of JSC "NATR" on the selection of projects for further commercialization Astana 2012.

– Finalist of the Kazakhstan competition of innovative projects in the field of mechanical engineering "KazINNO mechanic" – 2014 Almaty.

– Head of the innovation project. The project was funded by the Regional Innovation Fund (Technopark "Algorithm") in 2016.

- The executor of the grant financing project of the Zhangir Khan ZKATU. "Development of a 3D printer" for 2016

– Winner of a grant from the State Institution "Committee of Science of the Ministry of Education and Science of the Republic of Kazakhstan". Project: AP05133348. 2018–2020 - 2020

prepared and won a business project on the topic: "Development of a transformer switch using 3D technology" according to the business roadmap-2025 program from the Damu Foundation and created IP "3D Techmash".

- Executor of the project "DIARKAZ: Dual Education for Industrial Automation and Robotics in Kazakhstan" under the European ERASMUS+ Program (2020-2023). Patents:

-Sliding bearing for reciprocating motion with a conical spring insert. Innovation. pat. on the image. RK No. 282400 dated 02/14/13. Date of publication 19.02.2014, byul. No. 3.;

- Sliding bearing for reciprocating motion. The Eurasian path. on the image No. 022603. Application number No. 201300682 dated July 08, 2013. Date of publication 29.01.2016;

–Sliding bearing for reciprocating motion. Patent for the invention of the Russian Federation No. RU2499920-C1 dated 03.07.12. Date of publication 27.11.2013, bul. No. 33;

-Composite piston ring for an internal combustion engine with movable spring inserts. Utility model patent No. 4636. Application number 2019/0873.2, issue number No. 4 on 31.01.2020;

-A ringless cylinder-piston group of an internal combustion engine. Utility model patent No. 5145. Application number 2020/0398.2, issue number No. 27 10.07.2020

-Finalist of the republican competition of innovative business plans "NIF50\$K" "Innovative fast and furious" Astana 2012.