

Reference

of the applicant for the academic title of associate professor in the scientific direction (specialty) 20200-
Electrical engineering, electronics, information technology (Classifier of scientific directions
approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan, dated
August 05, 2021, No. 386)

1	First name, surname (if any)	Kuttybayeva Ainur Ermekkalievna
2	Academic degree (Candidate of Sciences, Doctor of Sciences, Doctor of Philosophy (PhD), Doctor of profile) or academic degree of Doctor of Philosophy (PhD), Doctor of profile or degree of Doctor of Philosophy (PhD), Doctor of profile, date of award	Candidate of Economic Sciences, SC No. 0003390 from 22.09.2009, protocol No. 7, decision of the Committee for control in the field of education and science of the Ministry of Education and Science of the Republic of Kazakhstan.
3	Academic title, date of award	No
4	Honorary title, date of award	No
5	Position (date and number of the appointment order)	Associate Professor of the Department of Radio Engineering, Electronics and Telecommunications:(2014 – 2016 years); Associate Professor of the Department of Electronics, Telecommunications and Space Technologies (From September 01, 2023, order No. 1651 I / s, dated 07. 08. 2023)
6	Experience of scientific, scientific and pedagogical activity	Research and pedagogical experience - 18 years. Research and pedagogical experience since defending his dissertation - 15 years, including 2 years.
7	Number of scientific articles after defending a dissertation /obtaining the academic title of associate professor (associate professor)	The total number of published works since the dissertation is 41. Including: - in international peer-reviewed scientific journals included in the Scopus and Web of Science databases – 4; including 3 publications over the 35 th percentile for 2023; - in publications recommended by the Committee for Quality Assurance in the field of science and higher education of the Ministry of Science and Higher Education of the Republic of Kazakhstan – 21; - in other scientific journals and publications (Republican and international conferences, etc.) - 16; The number of patents – 6. The Hirsch index – h: Scopus – 4; Google Scholar - 1, RSCI – 1.
8	The number of monographs, textbooks, single-handedly written educational (teaching and methodological) manuals published over the past 5 years	Monographs: 1) sole authorship «Оптикалық байланыс жүйелері», volume 9,6. From 16.03.2023; 2) sole authorship «Оптикалық материалдар», volume 12,4. From 08.12.2023. Tutorials - 4:

		<p>1) sole author, Спутниктік байланыс жүйелері, volume 9,8, From 08.08.2023, UMO GUP RUMS MNiVO RK and protocol No.18 US University;</p> <p>2) «Электрониканың физикалық негіздері» in co-authorship, volume 6,6 p.l. (protokol №15, 04.05.2023 г. US University).</p> <p>3) «Қазіргі заманғы радиобайланыстық жүйелер» (sole author), volume 1918 з.д. (UMS 2015).</p> <p>4) «Талшықты оптикалық байланыс жүйелері» in co-authorship, volume – 9,8 p.l. (UMS University).</p> <p>Textbook - 1</p> <p>2) textbook «Электроника және өлшеуіш техникасының негіздері» in co-authorship, volume 15.0. From 10.03.2023 UMO GUP RUMS MNiVO RK rotocol No.5.</p>
9	Persons who have defended their dissertation under his supervision and have an academic degree (Candidate of Sciences, Doctor of Sciences, Doctor of Philosophy (PhD), Doctor of profile) or an academic degree of Doctor of Philosophy (PhD), Doctor of profile or Doctor of Philosophy (PhD), Doctor of profile	No
10	Laureates, prize-winners of republican, international, and foreign competitions, exhibitions, festivals, awards, and Olympiads prepared under his leadership	Abdykadyrkyzy Aknur, 3 . Republic Olimpiade IIT 2021 y. 3rd place in the XIII Republican subject Olympiad among universities of the Republic of Kazakhstan in the specialty "5B071900 – Radio engineering, electronics and telecommunications" (Almaty, 2021)
11	Additional information	<p>1) Full member of the International Academy of Informatization, Diploma, 20.08.2014;</p> <p>4) Title holder «The best university teacher» 2023, the Ministry of Education and Science of the Republic of Kazakhstan.</p>

**Acting Director of the Institute of
Automation and Information Technology
KazNRTU named after K.I. Satbayev**



Z.Kalpeyeva