

JSC « ALT Mukhametzhan Tynyshbayev University »

Department of information and communication technologies

Questions for citizens entering

doctoral studies in groups of educational programs

"D096 Communications and communication technologies"



APPROVE

Chairman of the ALT University AC

M.S. Zharmagambetova

Decision of the Academic Council of

ALT University

05 2025 year (protocol № 10)

Interview questions

1. Tell us about your work experience in the field of radio engineering, electronics and telecommunications.
2. Modern and scientifically based definition of RET
3. Functional areas of the RET
4. What projects in the field of radio engineering or electronics have you implemented?
5. What recent innovations in the field of telecommunications, radio engineering or electronics are you aware of and how do they affect the industry?
6. What is noise immunity and how can it be improved in radio engineering systems based on your scientific research?
7. Telecommunications market research
8. Indicators of the quality of telecommunication services
9. Ensuring the reliability of information transmission and storage
10. Cryptographic methods for protecting computer information
11. Methods and means of protection against electromagnetic radiation and interference
12. How do you assess the quality of signals in telecommunication systems?
13. Measurement of energy parameters of TCS devices
14. Analysis of the effectiveness of telecommunication systems
15. Noise-tolerant coding in telecommunication systems

The program of the entrance exam was discussed and received a positive decision at the meeting of the Department of Information and Communication Technologies, Protocol №8 of April 17, 2025.

Head of the Department of ICT  **D. Kassymova**

Questions of the entrance exam were considered and recommended at the meeting of the Council of the Institute of Energy and Digital Technologies, «25» April 2025, protocol № 5.

Chairman of the Institute's Council E&DT  **A. Toygozhinova**