

CV

1. **Name:** Javzansuren Jigjidsuren
2. **Date of birth:** 1965-09-16
3. **Nationality :** Mongolian

4. Education – degree, discipline, institution, year:

Aug.2007 to Aug 2008	Advanced study supported by KFAS at the WiBro system research team, ETRI, Korea on the topic “The study WiBro system Deployment strategy in Mongolia ” supervised by Dr Young Il Kim.
Oct.1997 to feb. 2006	Studied for Ph.D. in the Wireless Communication team, School of Information and Communication Technology, Mongolian University of Science and Technology. The Ph.D. dissertation thesis on “Public messaging service and it’s demand forecasting”.
Sept. 1996 to Jan. 1997	Studied for Ms. Eng degree in the Wireless Communication team, School of Information and Communication Technology, Mongolian University of Science and Technology. The master thesis on “The possibility of paging signal transmission via TV broadcasting network in Mongolia ”.
Sept. 1983 to Jul. 1988	Studied for B.Eng. degree in the Radio communication dept. of Polytechnical University, Mongolia . The graduation thesis on “ Project on Digitally tuned Active Filter”.

5. Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when (ex. 1990-1995), full time or part time:

Since 2021	Professor of communication department
2015- 2021	Vice dean of research affairs of SICT
2006-2015	Associate professor of Satellite and Wireless communications Team
1992-2006	Lecturer, senior lecturer
1988-1992	senior engineer of National TV centre, Mongolia.

6. Non-academic experience – company or entity, title, brief description of position, when (ex. 1993-1999), full time or part time

2019-2021	Member of KOICA funded project on ICT capacity building
2015-2016	Member of collaborative project between MUST and ETRI on A Study of radio resource management and sensing network topology for railway sensing network
2015	Member of funded by Technology fund of SICT on Development of LTE-based IoT for high-speed cellular systems
2012-2013	Member of collaborative project between MUST and ETRI on A Study of radio resource management and sensing network topology for railway sensing network
2013	Member of conducted work with CRC on Technical solutions and regulation for digital radio broadcasting in Mongolia

7. Certifications or professional registrations

2012	Course on Global Satellite Navigation System of the CSSTE-AP, Ahmedabad, India
2007	Advanced study supported by KFAS at the WiBro system research team, ETRI, Korea
2006	Consulting engineering course for Mobile communication system installation operation and maintenance
2001	ESPI (English for Special Purpose Institute)
1999-2000	Post Graduate course in Satellite Communications of the CSSTE-AP, Ahmedabad, India
1996	Training to trainers for transmission design and engineering, Supported by Korea Telecom International (KTI) in Ulaanbaatar, Mongolia.
1995	Training to trainers for network planning course, Supported by Korea Telecom International (KTI) in Ulaanbaatar, Mongolia.

8. Skills

Language:	Speech	Reading	Writing
English	<i>satisfactory</i>	<i>good</i>	<i>good</i>
Russian	<i>good</i>	<i>good</i>	<i>satisfactory</i>

IT : Able to work on Microsoft Windows-ийн хэрэглээний программууд, Adobe Photoshop, Visio, Camtasia, ADS Agilent

9. Honors and awards:

- | | |
|------|--|
| 2019 | Honorary employee of Mongolian standard metrology |
| 2016 | The Order of the Polar Star |
| 2012 | Honorary employee of ICT |
| 2011 | Honorary employee of education |
| 2006 | Certificate” of the Ministry of Education, Culture and Science |
| 2002 | Honorary employee of Radio & Television |

10. Service activities (within and outside of the institution)

- | | |
|------------|--|
| Since 2017 | Member of CRC Technical Certification Board |
| Since 2016 | Member of examination commission of consulting engineer of ICT |
| 2015-2021 | member of the academic council of SICT |
| Since 2014 | Member of the Technical Committee for Standardization of CRC |

11. Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation (selected)

Books

- Memorable album of SICT history: dedicated to 50th anniversary of higher education in ICT in Mongolia /B.Sukhbat , N.Chuluunbandi and others., -UB., , ISBN 978-99978-57-37-8: 2017.-X.135.
- Historical roadmap of MUST: School of information and communication engineering 1959-2019 Vol -I chapter IV., -UB., MUST printing, ISBN978-99978-57-41-5:2019. Pages 299-306, 351-537
- Historical roadmap of MUST: Development of School of information and communication engineering: 1959-2019 -Vol IV боть- chapter I., -UB., MUST printing, ISBN 978-99978-57-90-3:2019. pages.15-145

Handbook

- Sound, sound measurement, standards and practical issues: Handbook/ Communications Regulatory Commission., - UB., 2020.- 90 pages

Paper

- Compared analysis of Wireless networks for developing IoT: Paper/ Г. Хишигжаргал, Э.Эрдэнэтуяа, Д.Эрдэнэтуяа//, Proceedings of the 2nd conference ICISS-2015, Volume.- Korea., 12/9/2015.-P.156-158
- The developing internet of things for smart transportation system using municipal Wi-Fi: Paper/ Г. Хишигжаргал, Э.Эрдэнэтуяа, Д.Эрдэнэтуяа//, Proceedings of the first conference 2nd ICISS-2015, Volume.- Korea., 12/9/2015.-P.156-158 .
- Analysis of WSN Model for Railroad Monitoring on the Network Level Simulator Paper/ Young Il Kim, G. Khishigjargal, E. Erdenetuya //Proceedings of the first conference of ICICT2014 MUSTAK-2014, -Korea., 2014.-P.72-75.
- Sound level control of TV broadcasts and it’s improvement: /M. Erdenetsetseg.// “Our role in the development of the information and communication sector -2017 Scientific proceedings, -online, UB.2017.- pages :48-55.
- Expansion of network and resources of MIAT voice communication system : /Kh.Altan-Erdene.// “Our role in the development of the information and communication sector -2017 Scientific proceedings, -online, UB .2020.- pages:47-55.

Speech

- The present and future of video coding., speech.// “Seminar on "Video recording standards will create a field of globalization". Mongolian agency for standardization and metrology., UB.-2019.10.24.

Standards

- General technical requirements for radio spectrum and electromagnetic compatibility of communication and IT equipment: MNS 6497:2015/ National standard of Mongolia/., Mongolian agency for standardization and metrology.,//UB.,-2015,- 69 pages.
- Technical requirements for broadband wireless access equipments MNS 6527:2015: /P.Uuganbayar/ National standard of Mongolia/., Mongolian agency for standardization and metrology.,//UB.,-2015,-X.36

- “Technical requirements and test methods for short-range communication devices. MNS 6545:2015: National standard of Mongolia/, Mongolian agency for standardization and metrology.,//UB.,-2015,-X.105
- “Terms and definitions for Wireless communication MNS ITU-R:2021: National standard of Mongolia-updated/, Mongolian agency for standardization and metrology.,//UB.,-2021,-X.133

12. Contact address

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Date: 2024.03.11
