
1. Name: Baljinnyam Tsevegmed+

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

PhD: Telecommunications engineer, (Studies on the structure of the Mongolian telecommunication network and method for the evaluation of its optimal topology stricture) Mongolian university of Science and Technology, 2006

MSc: Telecommunications engineer, (The study of switching field technology) Mongolian university of Science and Technology, 1997.

BSc: Telecommunications engineer, (Digital modulation technique) Mongolian university of Science and Technology, 1995.

3. Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when, full time or part time:

- 2016-Present Professor of Department of Communication of. Full time.
- 2011-2012. Member of Academic board. Full time.
- 2016- Professor of Department of Communication of. Full time.
- 2011-2015: Associate Professor, of Communication and Network technology, Mongolian University of Science and Technology (MUST), full time
- 2007–2011: Scientific secretary, School of Information and Communication Technology, MUST, full time
- 1996-2006: Lecturer in School of Information and Communication Technology, MUST, full time.

4. Non-academic experience – company or entity, title, brief description of position, when, full time or part time

- None

5. Certifications or professional registrations

- “Business communications & Entrepreneurship and management”. Singapore Cooperation Program training awards for Mongolia, July 2001.
- English course at Limkokwing University College Creative Technology, delivered by International House Malaysia., 2007 March.
- **Professional engineer. №09-22**, Field: of “Network planning, management and marketing of transmission systems”. 2011 August. Mongolia.
- ICDL Start Certificate. MNIF00000040. 2009. August.
- **Consulting engineer. №11-109**, Field: of “Network planning as specialized on the transmission systems planning, marketing and management”. 2011 July. Mongolia.
- Microsoft –approved course: Course10386. Advanced skills in Microsoft PowerPoint 2010. March 2013. None.
- International Training Course on “Navigation And Satellite Positioning System”. Centre for Space Science and Technology Education In Asia And The Pacific. Space Applications Centre Ahmedabad, India. July 2014.
- Minister of Education, Science and Culture. **Singapore Polytechnic CDIO Approach Component II, III**. 2016.01.22.
- Mongolian Government. JFPR. ADB. **TA-8241 MON: Promoting Inclusive Growth**. Program and Participant Worksheets. 20-March 2016.
- Certificate of “Navigation And Satellite Positioning System”

6. Current membership in professional organizations:

- 2005-Present. Member of Board of Director MATIYR MYSA.

7. Honors and awards:

- 2016 “Outstanding Worker of Science” of government
- 2019 “Honored medal od labor”
- “Outstanding worker” of Education, The minister of Education, culture and science, 2013
- “Outstanding worker of Education” from Ministry of Education and culture of Mongolia, 2011
- “Outstanding worker of Information and Communication Technology sector” from Information Technology, Post and Telecommunications Authority of Mongolia, 2006
- “Best young Lecturer” of MUST, 1999.
- Most outstanding paper award of Conference of School of Information and Communication Technology 2006
- 3rd Place Award for “Best Lecturer with Best learning methodology” nomination, MUST, 2006



- Winner, Grant of Young researchers on Technology and Innovation, The minister of education, culture and science, 2006
 - “Outstanding worker of Information and Communication Technology sector” from Information Technology, Post and Telecommunications Authority of Mongolia, 2007
 - “Honorary credentials” Education, The minister of Education, culture and science
 - Honor of Academic board of MUST, 2 times
 - Honor of Academic board of SICT, 3 times
- 8. Service activities (within and outside of the institution)**
- Executive director, Member of board and Senior Lecturer of National E-Learning center Association
 - Chair of Labor union of SICT branch commission, MUST
 - Member of Curriculum Committee of DCNT
 - Member of Library and Web Development Committee of DCNT
 - Member of Graduate Student Committee of DCNT
- 9. 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)**
- Erdenekhuu Norinpel, Baljinnyam Tsevegmed, Erdenebayar L. “The study publications of Mongolian researchers published WoS and Scopus ranked journals” In *Conference on some issues of higher Education innovation of Mongolia*, pp. 331-337, 2015
 - Baljinnyam.Ts, Ariunaa.Ts, Nyamsuren.P, Tserenlkham.B. "Telephone Users Demand and Traffic Forecasting for Mongolian Telecommunication Network", In *Strategic Technology (IFOST), 2013 8th International Forum on*, vol. 2, pp. 186-. IEEE, 2013.
 - Ariunaa.Ts, Baljinnyam.Ts, Nyamsuren.P “bandwidth bottleneck analysis for VoIP” "International Conference on Creative Science and technology” In *Proceedings of the 4th international conference (ICCST/4)*. pp. 104-106, 2013.
 - Baljinnyam.Ts, Ariunaa.Ts, Nyamsuren.P, Tserenlkham.B “Telephone Users Demand and Traffic Forecasting for Mongolian Telecommunication Network” In *The 8th International Forum on Strategic Technology*, pp.186-191.2013.
 - Lkhagvasuren.T, Ariunaa.Ts, Nyamsuren.P “The analysis of QoS parameters for SIP protocol in VoIP communication” In *The 8th International Forum on Strategic Technology*, pp.331-335, 2013
- 10. Briefly list the most recent professional development activities (conference and seminar):**
- Key Coordinator and secretary of international conference, ICKI2011.
 - International event of Satellite communication, 2012.
 - Attended ABU Robocon National championship competition
 - Attended ICT-expo 2011

Books and handbooks

Handbook of Digital Signal Processing /Reviewer.B.Damdinsuren.-UB.: Soyombo Printing, 2000. Page.20.

Handbook of Digital Signal Processing /Reviewer.B.Damdinsuren.-UB.: Soyombo Printing, 2006. Page 26.

Review and translation

Digital signal processing //Trans. Ts.Baljinnyam; Review. B.Damdinsuren, -UB: T&U Printing., 1999. -118p.
Discrete Linear System Theory//Trans. Ts.Baljinnyam; Ред. B.Damdinsuren, -UB: T&U Printing., 1999. - 66x.

Finite Impulse Response Filter Theory. //Translation. Ts.Baljinnyam; Reviewer. B.Damdinsuren, -UB: T&U Printing., 1999. -116x.

Fourier Fast Transform, it’s application //Translation. Ts.Baljinnyam; Reviewer. B.Damdinsuren, -UB: Soyombo., 2000. -page 45.

Digital Signal Processing Theory./ISBN 978-199929-802-1-4. DDC 621.382 2. B-225., //Translation. Ts.Baljinnyam; Reviewer. B.Damdinsuren, -UB: Soyombo Printing., 2006. -page 422.

Engineering economy. /ISBN 978-9919-22-164-5. HHA* 7478, ДАА* 378, У-322., //Translation. O.Baldangombo, Ch.Oyu, N.Chuluumbandi, T.Lkhagvasuren, Ts.Ariunaa, B.Usukhbayar, B.Ariunzaya. Editor Z.Ouyntsatsral.

2019. -836 page., 72 хх., 54 тх., 300 хувь., MUST publishing. Уильям Г. САЛЛИВАН, Элин М. ВИКС, С. Патрик КОЛЛИНГ., Engineering economy., sixteenth edition.

Research paper

Mongolian telecommunication network current status and traffic forecasting /Ts.Baljinnyam, G.Tsogbadrakh, B.Damdinsuren. //Regional Network for the Exchange of Information and Experiences in Asia and Pacific, 19th-23rd September 2000. –P.28-31.

Philosophy followed to develop Mongolian telecommunication fundamental network / Ts.Baljinnyam, G.Tsogbadrakh, B.Damdinsuren, S.Olonbayar //Proceeding of The 2002 International Conference on Electronics, Information and Communications.-UB., July 9-11.2002.

Optimization of Mongolian communication network /Ts.Baljinnyam, G.Tsogbadrakh, B.Damdinsuren //Proceeding of The 2002 International Conference on Electronics, Information and Communications.-UB., July 9-11.2002.

Demand forecasting and traffic distributions in the backbone telecommunication network of Mongolia /Ts.Baljinnyam, B.Sukhbaatar, E.Bayanmukh //ICEIC2006 proceedings of the 8th international conference on electronics, information and communication. –June 27-28, 2006.-UB.,-P.91-93.

Studies on the structure of the Mongolian telecommunication network and method for the evaluation of its optimal topology structure /Ts.Baljinnyam, B.Sukhbaatar, E.Bayanmukh. //ICEIC2006 proceedings of the 8th international conference on electronics, information and communication. –June 27-28, 2006.-UB.,-P.329-333.

Demand Forecasting in the Backbone Telecommunication Network of Mongolia., /Ts.Baljinnyam, E.Bayanmukh., //ICCIT2007 proceedings international conference on electronics, information and communication. –Oct. 08-09, 2007.-UB.,-P.166-170

Telephone Density, Fixed And Mobile Networks., /N.Nansaljav, (G-Mobile.LLC), Ts.Baljinnyam //ICCIT2007 proceedings international conference on electronics, information and communication. –Oct. 08-09, 2007.-UB.,-P.174-178

The Bandwidth related issues of VoIP network. /Ts.Ariunaa, T.Lkhagvasuren, Ts.Baljinnyam, B.Sukhbaatar. //International conference on Information & Communication Technology. Ulaanbaatar.Mongolia. 2009-August12-13. 150-153.

Innovation Program for 2015 of the School of Information and Communication Technology. /Ts.Baljinnyam, N.Khuukhenjimee, other. //International conference on Information & Communication Technology. Ulaanbaatar. Mongolia. 2009-August12-13. 227-229p.

The Charging Mechanisms of Termination Services in Era NGN. /Ts.Baljinnyam, B.Tungalag, N.Munkhuu. //International conference on Knowledge Based Industry 2011. Ulaanbaatar.Mongolia. July 06-07, 2011. 520-525p.

“Strategy of Fixed Network of Mongolia”. / Ts.Baljinnyam, et al. //Government Agency CITA working group. /Policy document processing., –UB., 2010-2011.

Telephone Users Demand and Traffic Forecasting for Mongolian Telecommunication Network. /Ts.Baljinnyam, Ts.Ariunaa, P.Nyamsuren, B.Tserenlkham. //IOCCIT2012 proceedings international conference on electronics, information and communication. –Oct. 08-09, 2012.-UB.,-P.174-17.

Bandwidth bottleneck analysis for VoIP network. /Ц.Балжинням, П.Нямсүрэн., //ICCST 2013 Conference Proceedings,2/27/2013.

The Specialty of Online Learning/Tutoring Method. /Kh.Tamir, N.Erdenekhoo, Ts.Baljinnyam. //ICCST-2013. The 4th International Conference on Creative Science and Technology. 4-5 Oct 2013. Darkhan, Mongolia., 9/20/2013,428 page. 128-131p.

Study on Some Multimedia Services for Mongolian Information Communication Network and Capacity Planning in NGN. /P.Nyamsuren, T.Lkhagvasuren, Ts.Baljinnyam, S.Munhkhjargal. //KHURELTOGOOT-2015.

The Analysis Of Transport Layer Protocols For Multimedia Traffic. /Ts.Baljinnyam and other., //IFOST2016. Proceedings international conference on electronics, information and communication. –Jul. 08-09, 2016. P.174.

ABET Self-Study Report for the Wireless Communications Engineering Technology at School of Information and Communication Technology, MUST. Ulaanbaatar, Mongolia. June 26, 2017. -296 page.

ABET Self-Study Report for the Telecommunications Engineering Technology Program at School of Information and Communication Technology of Mongolian University of Science and Technology Ulaanbaatar, Mongolia. June 26, 2017. -320 page. /N.Chuluunbandi, N.Erdenekhoo, Z.Buyankhishig, J.Javzansuren, Ts.Baljinnyam, Sh.Ganbold, G.Khishigjargal, B.Otgonbayar, T.Lkhagvasuren, E.Narantuya, Ts.Ariunaa, Du.Dolgorsuren, B.Ariunzaya, B.Tserenlkham, P.Nyamsuren, P.Bumduuren, R.Bayarmaa, E.Erdenetuya, U.Buyankhishig, T.Uranchimeg, P.Uuganbayar, B.Purevtseren, J.Orgil, L.Erdenebayar, S.Batdalai, A.Munkhbayar, N.Gankhuyag.

Learning activities and assessment results in engineering technology /Nyamsuren.P, Tserenlkham.B, Uuganbayar.P and Baljinnyam.Ts., //International conference on Effectiveness and efficiency of Education, p624-632. 2018.

АТС352-ийн хуваарилах шүүгээ703 ийн хүрээнд хотын телефон сүлжээний өргөтгөлийг хийх боломжийн судалгаа. /Ц.Балжинням, М.Хишигбаяр. //Мэдээлэл, Холбооны салбарын хөгжилд бидний гүйцэтгэх үүрэг-2019. ЭШХ-ын эмхэтгэл №14/241., -261х., 122-127х. ISBN 1560-8794.

"Боловсролын байгууллагын хөгжлийн төлөвлөлт ба гүйцэтгэлийн түлхүүр үзүүлэлт"//. Ц.Балжинням, Н.Эрдэнэхүү, П.Нямсүрэн., Инженер технологийн боловсролд тулгамдаж буй асуудал-V улсын эрдэм шинжилгээний хурал.

Байгууллагын стратеги төлөвлөлт ба гүйцэтгэлийн түлхүүр үзүүлэлт. /Ц.Балжинням, П.Нямсүрэн, Ц.Ганбат. //Профессор багш нарын “Эрдмийн чуулган-2019”. ЭШХ-ын эмхэтгэл №24/251., -264х., 220-227х. ISBN 1560-8794.

"Инженерийн дизайн"//. Ц.Балжинням, Б.Цэрэнлхам, П.Нямсүрэн, Т.Уранчимэг, Үр дүнд суурилсан боловсрол-2018. 44х

"The Impact of the ICT on the roles teachers Development” Baljinnyam.Ts, Nyamsuren.P, Uranchimeg.T, Tserenlkham.B, " 14th International Conference on Effectiveness and Efficiency of Educational Service, 2019. -264 p., 142-145p. ISBN 978-99978-774-7-5.

"The Specialty of online learning". Baljinnyam.Ts, Tserenlkham.B, Nyamsuren.P, Uranchimeg.T, Kherel togoot -2019. Volume 15. page 91-94. Ulaanbaatar 2019.10.24. ISSN 2664-6989.

"Байгууллагын мэдээллийн аюулгүй байдлын судалгаа". Б.Батбаяр, Ц.Балжинням. Олон Улсын харилцааны тулгамдсан асуудлууд-Одоо ба ирээдүй. ЭШХ-ын эмхэтгэл 2019.05.03., хуудас 174-184. ISBN 978-99978-3-254-2.