

Lkhagva ODONCHIMEG

DEGREE OF SCIENCE: Doctor (Ph.D)
SCHOOL AND DEPARTMENT: MUST, SICT, Department of Information Network and Security
HOBBY'S: Volleyball, Table Tennis, Yoga, Dance.

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Address: №310, MUST, SICT, Department of Information Network and Security, Associate Professor, Ulaanbaatar, Mongolia

Citizenship: Mongolian



RESEARCH ENVIRONMENT:

- ✧ Wireless Network and Security
- ✧ Cyber-crime prediction methods using mashin learning.
- ✧ Cyber security and Deep learning
- ✧ MOOC and E-learning

EXECUTIVE SUMMARY:

- 20 years of teaching methods, lectures, presentations and management
- Motivated, hardworking and productive.
- Communication skills to organize training
- Ability to speak and write in Russian and English

PROFESSIONAL EXPERIENCE:

2021-2022 **Master of Science (MSc)**, Master of Wireless Communication department, MUST, SICT, №E20220258

Major: Cyber security and mashin learning

Research Topic: “Cyber-crime prediction methods using mashin learning”

2013-2017 **Certified Engineer of Mongolia**, Certified Network Engineer of Mongolia, №13-129.

2006-2012 **Ph.D**, Orkhon University, Mongolia, F20121951.

Major: Educational studies

Research Institute: Orkhon University, Mongolia.

Research Topic: “Study on application of computer telecommunication in professional staged education”

2003-2004 **Master of Science (MSc)**, Master of Educational studies, Mongolian State University of Education, №20615.

Major: Methodologist to transmit information technology

Research Topic: “Methodology of e-textbook design”

1999-2003 **Bachelor of Science (BSc)**, Bachelor of Science in hardware engineering, Computer Science Management School of MUST, Ulaanbaatar, Mongolia, D200301564.

Major: Hardware engineering and Networking

Research Topic: “Research of Solar-cell System”

1987-1990 **Technician**, School of Prothesis, Leningrad, Russian Federation, IIT№424301.

Major: Prothesist

EMPLOYMENT:

2013-Since **Associate Professor**, Department of information network and Security, School of Information and Communication Technology (SICT), MUST, Ulaanbaatar, Mongolia

2016-2017 **Guest Researcher**, in Information department of Technische Universtät Dresden, Germany.

2013-2016 **Engineer of civil drawing**, “Mirotek” LLC, UB, Mongolia

2010-2013 **Senior Lecturer**, Department of information network and Security, School of Information and Communication Technology (SICT), MUST, Ulaanbaatar, Mongolia
2004-2010 **Lecturer**, Technical college of Mongolia and Korea, UB, Mongolia
2002-2004 **Lecturer**, College of Techniques and Technology, UB, Mongolia

LANGUAGE SKILLS:

1. Mongolian- Mother language
2. English-Good
3. Russian-Very Good

RESEARCH EXPERIENCE:**Research Project:**

1. L.Odonchimeg, T.Magsarjav, Ts.Manlaibaatar, Ts.Erdenesaikhan, Ts.Enkhtur, I.Iderbukh, "Audit of Information Technology and Risk Assessment" project of Mongolian National Radio and Television, 01/26/2019, Ulaanbaatar, Mongolia
2. L.Odonchimeg, T.Magsarjav, Ts.Manlaibaatar, Ts.Erdenesaikhan, Ts.Enkhtur, I.Iderbukh, "Audit of Information Technology and Risk Assessment" project of Communications Regulatory Commission, 07/08/2019, Ulaanbaatar, Mongolia
3. L.Odonchimeg, Ya.Dashdorj, T.Magsarjav, Ts.Manlaibaatar, Ts.Erdenesaikhan, Ts.Enkhtur, I.Iderbukh, "Audit of Information Technology and Risk Assessment" project of the Civil Aviation Authority, 12/25/2018, Ulaanbaatar, Mongolia
4. L.Odonchimeg, T.Magsarjav, Ts.Manlaibaatar, Ts.Erdenesaikhan, Ts.Enkhtur, I.Iderbukh, "Audit of Information Technology and Risk Assessment" project of Electricity distribution network LLC, 11/26/2018, Ulaanbaatar, Mongolia
5. L.Odonchimeg, Member of Research Project "Development of IoT based on LTE" Research Project, funded by Mongolian university of science and technology (MUST) 01April 2015-31 December 2016, Ulaanbaatar, Mongolia
6. Member of MUST project "Implementing Network design of Mongolian university of Education" The Research Project is funded by The ministry of Education, Culture and Science, Mongolia 2013-2014, Ulaanbaatar, Mongolia
7. L.Odonchimeg, "Product management conduction program in MUST", Ulaanbaatar, Mongolia, 2013
8. L.Odonchimeg, "Consumption of today's Internet Trade" Comparison between Taiwan and Mongolian Culture, Ulaanbaatar, Mongolia, 2011
9. L.Odonchimeg, Manager of System Information "Livelihood study of artizanal miners" funded by Swiss Development Agency, Ministry of Science, Education and Culture. Ulaanbaatar, Mongolia. 2010
10. L.Odonchimeg, Member of International Research Project, "A study on Wireless and Telephone Service based on WiBro system". The Research Project is funded by Electronics and Telecommunications Research Institute of Korea (ETRI), 2007-2008.
11. Member of International Research Project, "Fourth Generations Mobile and Wireless Communications Frequency and Timing Offsets Estimation Optimum Method for OFDM", Research Project, funded by Asia Research Center (ARC) 01April 2004-01April 2005

Publications:

1. L.Odonchimeg, "Cyber-crime prediction methods using Machine learning", Journal of the Mongolian University of Science and Technology, p159, Ulaanbaatar Mongolia, 2022
2. L.Odonchimeg, "Analysis of the use of Bluetooth users and its data flow in Mongolia", Journal of the Mongolian University of Science and Technology, p155-158, Ulaanbaatar Mongolia, 2018
3. L.Odonchimeg, .. etc "Application-based modeling of University Campus Network", Journal of the Mongolian University of Science and Technology 6/153, ISSN 1560-8790, 2014,5 / 7 / 2014, p44-46.
4. L.Odonchimeg, A. Gereltsetseg, "On the Introduction of MPLS Technology in the Basic network", Proceedings of the research, 10/133, 4/2/2013, p 99-104
5. L.Odonchimeg, Ts. Ganbat, "Studying the attitudes of Mongolian Internet users Towards Web Advertising", Proceedings of the Mongolian University of Science and Technology, №6/129, 11/15/2012, p79-91

6. L.Odonchimeg, "Experimental Computer Telecommunications in a School with a hierarchical curriculum in the lesson of Computer graphic design", Research paper of the University of Mongolia, №12, 11/21/2011, p315-322
7. L.Odonchimeg, Research journal of Orkhon University, 2011, №12, UB, Mongolia
8. L.Odonchimeg, Research journal of Moscow University of "Psychology and Education", Russia, 2010, №1
9. L.Odonchimeg, Educational Studies journal, 2010, №10, p.12-16, UB, Mongolia
10. L.Odonchimeg, Educational Studies journal, 2009, №3, p.18-20, UB, Mongolia
11. L.Odonchimeg, Research journal of Orkhon University, 2009, №10, p.124, UB, Mongolia

International Conferences and Fieldweek activities:

1. L.Odonchimeg, "Determining whether cybercrime is affected by climate change in Mongolia through Machine learning", ICT-E Nation-100, 2021.06
1. L.Odonchimeg, "Estimating Crowd Density using Bluetooth, WIFI and Mobile users in Germany", Journal of international Conference of Technology and Innovation "Khureltogoot-2018", 2018 Ulaanbaatar Mongolia, p140-147
2. L.Odonchimeg, D.Erdenetuya "Mongolian e-commercial development, it's the survey user's attitude and behavior" International Video conference, E-Open institute, p173-18418, 18, May 2016, Ulaanbaatar, Mongolia
3. L.Odonchimeg, P.Tuvshinjargal "The research of possibility to making audit on Mongolian web sites security", E-Open institute of MUST, International Video conference, 18, May 2016, p147-160, Ulaanbaatar, Mongolia
4. L.Odonchimeg, D.Erdenetuya, G.Khishigjargal "Security Architecture of Access layer in the IoT network based on WSN", International conference "VI Региональной научно –практической конференции", СибГУТИ, Ulan-Yde, 2016
5. L.Odonchimeg, T.Bulganmaa, "The survey about Mongolian e-commercial development", MUSTAK 2015, Ulaanbaatar, 7/15/2015, p116-119
6. L.Odonchimeg, "Internet of Things is Raising your IQ", 11th International Conference of Technology and Innovation, "KHUREL TOGOOT-2015", Ulaanbaatar city.
7. L.Odonchimeg, "Issues of traditions and innovations in education" at MSUE devoted to the 100th anniversary of distinguished teacher of Mongolia L.Baljir, international conference papers, Ulaanbaatar, 2011, p103-107

Books and Brochures:

1. L.Odonchimeg, Ts.Ganbat, " Behavior Survey of Mongolian Internet User's", Monograph, Hom xyp print LLC, 6/30/2014, p198
2. L.Odonchimeg, Ts.Sodov, ... etc "Information Technology Tools and Methods of Using them in training", for teachers, Соёмбо print LLC, 4,5 print pages, Ulaanbaatar, Mongolia, 2021.
3. L.Odonchimeg "Network Management and Monitoring", Laboratory Work Guide, Ulaanbaatar, Mongolia, 2019.
4. L.Odonchimeg "IP Network Fault Detection and Repair", Laboratory Work Guide, Ulaanbaatar, Mongolia, 2018.
5. L.Odonchimeg, "3D technology" self-study manual for student's, 8,5 print pages, Ulaanbaatar, Mongolia, ISBN:978-99929-970-6-0, DDC:006.693'077,0-197, 1/10/2011
6. L.Odonchimeg, "Guidelines for developing e-learning material's", for teachers, 4,5 print pages, Ulaanbaatar, Mongolia, 2010.
7. L.Odonchimeg, "Developing E-Learning Content", 4,5 print pages, Ulaanbaatar, Mongolia, 2009.

WORKING SKILLS:

- ✓ Have experience in maintaining and troubleshooting networks.
- ✓ Have experience in programming Python and Assembler
- ✓ Have work experience in Ubuntu, MS Programs, Adobe application programs; circuit designing and simulation applications (Packet Tracer, GNS3, Matlab-Simulink); database (MSAccess, Visual Basic)

TRAINING ATTENDANCE:

1. Network security training, Mongolian Information Technology National Park, 2010, SSS2010062

2. Cisco CCNA(I-IV) Cisco academy, Training Center of SICT, 2011.
3. Diploma in advanced Networking, India, New Delhi, 2013, Routing and switching, NIIT№111198.
4. Cisco CCNA, New Delhi, 2013, Routing and switching, KTN№06202.
5. Cisco CCNA, New Delhi, 2013, Routing and switching CSCO12312268 , №413503091496BRAJ.
6. Qualified engineering training, Training Center of SICT, 2013.XI/11-XI/29, №13-129.

AWARDS AND SCHOLARSHIP:

1. 2019, Chief Officer of the Ministry of Education, Culture and Science, №1-2019-3005.
2. 2018, Trade Union Credentials of the Ministry of Education, Culture and Science, №018.
3. 2017, Award of the Mongolian Women's Association, №26.
4. 2016-2017 Dresden Junior Fellowship, TU Dresden Germany, F-003661-553-71D-1736100.
5. 2013, Award of ICT Sector of Mongolia, №95.
6. 2012, Gold medal of Mongolian Youth Association, №1425.
7. 2006, Honorary Certificate of Ministry of Science, Education and Culture for my effort in the sector, №7438.

I declare that the contents are true and correct.

Lkhagva Odonchimeg

Updated: February 23, 2022.