Appendix B – Faculty Vitae

Please use the following format for the faculty vitae (2 pages maximum in Times New Roman 12 point type)

1. **Name: Ariunaa Tsogbadrakh**

2. **Education – degree, discipline, institution, year:**
   MSc:Telecom engineer, School of Information and Communication Technology (SICT), Mongolian University of Science and Technology (MUST), 1996
   BSc:Radio engineer, School of Information and Communication Technology (SICT), Mongolian University of Science and Technology (MUST), 1991 (1985-1990 Vinnitsiya Polytechnical Institute, Ukraine)

3. **Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when (ex. 1990-1995), full time or part time:**
   2005-present:Lecturer, senior lecturer, School of Information and Communication Technology, Mongolian University of Science and Technology, full-time;
   2002-2004: Lecturer, Huree Institute of Information and Communication Technology,full time;

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

   2004-2005: specialist, Information and Communications Technology Agency, full time;
   2002-2004: Dean of Academic Affairs/ Huree Institute of Information and Communication Technology,full time;
   1999-2002: Senior manager of International and Satellite Communication /(Operations Representative from Mongolia Telecom at Intelsat), Mongolia Telecom, full time;
   1997-1999: Transmission specialist of Network planning Department, Mongolia Telecom, full time;
   1995-1997: Chief of Foreign Relations Department, Mongolia Telecom, full time;
   1991-1993: video and sound record, tv transmission units , Mongolian National Radio and Television, full time;

5. **Certifications or professional registrations**
   Consulting engineer in the field of Network planning as specialized on the Planning of Transmission systems, from 2006 until now.

6. **Current membership in professional organizations:**
   Member of trade union in ICT field

7. Honors and awards:

- "Best worker of Mongolian Trade Union", 2021
- " Top 100" award, Mongolian University of Science and Technology 2014
- "Certificate of Honor" from Rector of MTUCI, Russia, 2014
- Prize of SICT's director 2014
- "Best worker of Education", Ministry of Education, Culture and Science of Mongolia, 2012
- "Best Instructor of 2012", School of Information and Communication Technology, 2012.
- "Certificate of Honor" from Rector of MUST, 2012
- "The instructor with best teaching methodology" 2nd Grade, Mongolian University of Science and Technology 2012
- "The instructor with best teaching methodology 2012" School of Information and Communication Technology, 2012.
- "Top 100" award, Mongolian University of Science and Technology 2011
- " Best worker of ICT",Information and Communications Technology Agency of Mongolia, 2007
- (ICEIC-2006) "Best Paper Award Gold Prize", "Some studies on QoS in Mongolia Telecommunication Network " T.Lkhagvasuren, Ts.Ariunaa 2006
- "Best instructor" award, Infokon, 2002

8. Service activities (within and outside of the institution)
- Project implementation team for 2+2 program between SICT and MTUCI
- Coordinator for "Student exchange program" between SICT and MTUCI
- Advisor of "Drujba" student's Russian language club
- Instructor of students who studied by 2+2 program
- Training instructor of "Human resource development program" of Netco company
- Activities of Mongolian Association for high education development and renovation
- Foreign relations activities of Communication Department

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)
- "Optic transmission system analysis with 1o Gbit/sec speed which used FBG"/ Proceedings of research conference N07/170, p.249-252, A.Munkhbayar
- "OPNET simulation for VoIP QoS analysis", T-Comm, Moscow, 2015
- "Методы повышения качества связи в сетях VoIP", T-Comm, Moscow 2014
- "The analysis of QoS improvements for VoIP network", T-Comm, Moscow 2014
- "The methods for improvement of QoS for VoIP network", U-Media 2014, Ulaanbaatar, Mongolia
- "QoS for VoIP network", IFOST 2013, Ulaanbaatar Mongolia
- "Use of *MPLS technology for Mongolian ICT network*" // Huree Institute of ICT, Proceedings of research conference, p44-48, УБ T.Lkhagvasuren
- "*The analysis of QoS parameters for SIP protocol in VoIP communication"* //Proceedings

of The 8th International Forum on Strategic Technology IFOST2013,//p331-335, //June 28-July 1,2013, UB Mongolia T.Lkhagvasuren, P.Nyamsuren

− *"QoS Model for NGN"* //Proceedings of International Conference on knowledge Based Industry (ICKI)-2011 p.230-233, 2011,07,(06-07), UB T.Lkhagvasuren,.,
− "*VoIP Testing and Measuremen"*//Proceedings of International Conference on knowledge Based Industry (ICKI)-2011 p.42-46, 2011,07,(06-07), UB T.Lkhagvasuren,.,

− *"***Briefly list the most recent professional development activities (conference and seminar):**
    − Attended the CDIO seminar, 07July, 2015.
    − Attended the International Conference of MUSTAK-2012, 12-13 May,
    − Attended the MTUCI (Moscow Technical University of Communication andInformatics), 06-27 Jan, 2011.
    − Seminar on CDIO implementation, 2015.
    − Advanced LTE technology, ITU IEEE short term course, Moscow 2014
    − Ph.D course&research work, MTUCI 2014-2015
    − "ICT Network development" seminar, 2023, Khentii NETCO Company