

AHSAN-UL-AMBIA

Professor
Islamic University
Kushtia
Bangladesh
Phone: +8801738020088
Email: aambia@cse.iu.ac.bd,
aambia@gmail.com



Education

PhD, September, 2009

Graduate School of Science and Technology
Shizuoka University
Japan.

Research field: Information Technology

Research title: “Electrical Impedance Imaging Using Eddy Current”.

M.Sc. (Thesis), 1994

Dept. of Applied Physics and Electronics
University of Rajshahi
Bangladesh.

M.Sc. Thesis Title: “Hardware and interface design for PC Based ECG Monitoring system”.

B.Sc. (Honors), 1993

Dept. of Applied Physics and Electronics
University of Rajshahi
Bangladesh.

Professional Experience

Professor, From MAY 2013
Dept. of Computer Science and Engineering
Islamic University
Bangladesh.

Associate Professor, DEC 2009- MAY 2013
Dept. of Computer Science and Engineering
Islamic University
Bangladesh.

Assistant Professor, OCT 2002- DEC 2009
Dept. of Computer Science and Engineering
Islamic University
Bangladesh.

Lecturer, OCT 1999-OCT 2002
Dept. of Computer Science and Engineering
Islamic University
Bangladesh

Research Experience

Refereed Journal Publications

- [1] Md. Alam Hossain, **Ahsan-Ul-Ambia**, Md. Al-Amin, Nazmul Hossain, “User Location Time and Entropy (ULTE) based Salt generation for Password Based Key Derivation Function (PBKDF) in Cloud Computing”, International Journal of Scientific & Engineering Research, ISSN 2229-5518 ,Vol.08(02),pp. 1399-1408, Feb 2017.
- [2] Md. Kamrul Islam, Md. Yasir Arafat, **Dr. Ahsan-Ul-Ambia**, “JUSTCE: A Secured and Reliable E-learning Portal”, International Journal of Scientific & Engineering Research, ISSN 2229-5518 ,Vol.07(07),pp. 365-368, July 2016.
- [3] Md. Atiqur Rahman, **Dr. Ahsan-Ul-Ambia** Md. Ibrahim Abdullah, Mohhamad Alamgir Hossain and Dr. Mijanur Rahman “Reverse engineering methods for robust gene network Inference” Journal of Nature Science and Sustainable Technology (JNSST), Volume 9 Issue 4, 2015.
- [4] Md. Aktaruzzaman, M F Khan, **Dr.Ahsan-Ul-Ambia**, “A New Technique for segmentation of Handwritten Numerical Strings of Bangla Language”, International Journal of Information Technology and Computer Science,Vol.05(05), pp. 38-43, April 2013, Hong Kong.
- [5] Tushar Kanti Saha, **Dr. Ahsan-Ul-Ambia**, “Code Generation Tools for Automated Server-side HTML form Validation”, International Journal of Computer Science and Management Research, ISSN 2278-733X, Vol 2(1), 2013.
- [6] Md. Atiqur Rahman, **Dr. Ahsan-Ul-Ambia**, Md. Ibrahim Abdullah & Sujit Kumar Mondal, “Recognition of Static Hand Gestures of Alphabet in Bangla Sign Language”, IOSR Journal of Computer Engineering (IOSRJCE) ISSN: 2278-0661, ISBN: 2278-8727, Vol-8(1), 2012.
- [7] Tushar Kanti Saha, **Dr. Ahsan-Ul-Ambia**, “Mining the Web in Bengali Language: Opportunities and Future”, Journal of Computing Technologies, ISSN 2278 – 3814, Vol-1(8), 2012.
- [8] Subrata Kumar Das, **Dr. Ahsan-Ul-Ambia**, Md. Kamrul Islam and Md. Alam Hossain, “A New Termination Detection Algorithm for Distributed System to Reduce the Computational Delay” International Journal of Computer Science and Engineering System(IJCSSES), Vol. 6, No. 2, pp. 55-61, April 2012.

- [9] Md. Ali Hossain, **Dr.Ahsan-Ul-Ambia**, Md. Aktaruzzaman and Md. Ashaduzzaman Khan, "Implementation of Radon Transformaion for Electrical Impedance Tomography(EIT)", International Journal of Information Science and Technology (IJIST), Vol- 02(05), 2012.
- [10] M I Abdullah, M M Rahman, **A Ambia** and M Z Mahmud, "Performance of Conferencing over MNET Routing Protocols", ARPJN Journal of Systems and Software, ISSN 2222-9833, Vol- 2(6), 2012.
- [11] A K Sarkar, M I Abdullah, M S Hossain and **A Ambia**, "Evaluating Performance of Audio conferencing on Reactive Routing Protocols for MANET" International Journal of Management, IT and Engineering(IJMIE), ISSN: 2249-0558, Vol-2(7), 2012.
- [12] Md. Ashaduzzaman Khan, **Dr.Ahsan-Ul-Ambia**, Md. Ali Hossain, and Md. Robiul Hoque, "A Simulation Study for Electrical Impedance Tomography", International Journal of Computer and Information Technology (IJCIT), ISSN 2078-5828 (Print), ISSN 2218-5224 (Online), Vol- 02(02), 2012.
- [13] Md. Atiqur Rahman, **Ahsan-Ul-Ambia** and Md. Aktaruzzaman, "Recognition Static Hand Gestures of Alphabet in ASL", International Journal of Computer and Information Technology (IJCIT), ISSN 2078-5828 (Print), ISSN 2218-5224 (Online), Vol- 02(01), 2011.
- [14] **A Ambia**, T. Takemae, Y. Kosugi, and M. Hongo, "Electrical Impedance Imaging Using Eddy Current" International Journal of Biological and Medical Sciences, Vol-4(4), 2009.
- [15] **A Ambia**, S Toda, T Takemae, Y Kosugi, and M Hongo, "A New Method for Electrical Impedance Imaging Using an Eddy Current With a Tetrapolar Circuit", IEEE BME transaction, Vol-56(2), Feb. 2009,USA.
- [16] **A Ambia**, Md. Ibrahim Abdullah and S K Mondol, "To Design A Low Cost Data Acquisition Card Using Printer Port", Journal of Applied Science and Technology vol-5(01), 2007.
- [17] M Salamuzzaman, H A Mamon, M F Khan and **A Ambia**, "Development of Medical System For Preparing Prescription Using Symptoms Analysis" Journal of Applied Science and Technology, vol-04(02), 2006.
- [18] **A Ambia**, M R Talukder and M R Islam, "To Design An Interface For Personal Computer Based Biomedical Signal Monitoring System", Journal of Applied Science and Technology vol-2, 2001.
- [19] **A Ambia**, M R Talukder and A B M S Ali, "To Design A Signal Conditioning Circuit For Personal Computer Based Electrocardiogram", Journal of Applied Science and Technology vol-1, 2000.

Conference Proceeding Papers

- [1] **A Ambia**, T Yamakawa, T Takemae and M Hongo, "Breath Timing Monitoring Using spring Coil", International Conference on Bioinformatics and Biomedical Technology, pp 468-470, April 2009, Singapore.
- [2] **A Ambia**, T. Takemae, Y. Kosugi, and M. Hongo, "Electrical Impedance Imaging Using Eddy Current" World Congress on Science, Engineering and Technology, July 04-06 2008, Paris, France.
- [3] **A Ambia**, T. Takemae, Y. Kosugi, M. Hongo, and S Yamamoto, "Three Dimensional Implementation of a New Method of Electric Impedance Imaging Using Eddy Current", EIT Conference-2008, Dartmouth College, NH, USA.
- [4] **A Ambia**, T. Takemae, Y. Kosugi, and M. Hongo, "Electrical Impedance Tomography Using Tetrapolar Circuit Method With Eddy Current" SICE Annual Conference 2007 (International Conference on Instrumentation, Control and Information Technology), SEP17-20 2007, Kagawa, Japan.
- [5] S Toda, **A Ambia**, T. Takemae, and Y. Kosugi, "Detection of Resistance Change by Electric Impedance Tomography Using Magnetic Field", IEICE(Institute of Electronics, Information and Communication Engineers) General Conference-2007, Nagoya, Japan.
- [6] Y Yamamoto, N Mashahiro, **A Ambia**, Y Kawa, T Takamae and Y Kosugi, "Monitoring of Breath Cycle Using Spring coil", Regional Conference of Japanese Society for Medical and Biological Engineering-2008, Nagoya, Japan.
- [7] S Yamamoto, M Kazutaka, **A Ambia**, T Takamae and Y Kosugi, "Three Dimensional Measurement of Electrical Impedance Tomography Using Magnetic Field", Regional Conference of Japanese Society for Medical and Biological Engineering-2008, Nagoya, Japan.

Book Chapter

Md.Alam Hossain, Ahsan-Ul-Ambia, Md.Al-Amin and Rahamatullah Khondoker, Security, Privacy and Reliability in Computer Communications and Networks: Chapter 7: Measuring Interpretation and Evaluation of Client-side Encryption Tools in Cloud Computing: River Publishers, Denmark 2017



Date : 14th January, 2019

Signature
