

# RESUME

Of  
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## PROFESSIONAL EXPERIENCE

- Worked as a SENIOR LECTURER and COORDINATOR at WORLD UNIVERSITY OF BANGLADESH from 1 July, 2017 to 30 November, 2020.
- Worked as a LECTURER at WORLD UNIVERSITY OF BANGLADESH from 10 September, 2013 to 30 June, 2017.
- Worked as a JUNIOR ENGINEER at TELE EXCHANGE LTD. (ICX Company) from 16 October, 2012 to 16 January, 2013.

## ACADEMIC BACKGROUND

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| 2014-2019 | Institute of Information and Communication Technology,<br>Bangladesh University of Engineering and Technology ( <b>BUET</b> )<br><b>M.Sc. in Information and Communication Technology(ICT)</b><br>Thesis title: Modeling of the effect of motion blur on pixelated communication systems   |
| 2008-2012 | Department of Electronics and Communication Engineering,<br>Khulna University of Engineering & Technology ( <b>KUET</b> )<br><b>B.Sc.(Engg.) in Electronics and Communication Engineering(ECE)</b><br>Thesis title: Designing a digital system for detection of the Dicrotic notch in the carotid pulse signal using Verilog HDL |
| 2007      | Government Kabi Nazrul Collage, Dhaka.<br>Dhaka Board<br><b>HSC (Science)</b>  |
| 2005      | Dhaka Govt. Muslim High School, Dhaka.<br>Dhaka Board<br><b>SSC (Science)</b>  |

## PUBLICATIONS

- 1) M.I. Khan and M. R. H. Mondal, "Effectiveness of LED Index Modulation and Non DC Biased OFDM for Optical Wireless Communication," 2nd IEEE International Conference on Telecommunications and Photonics (ICTP), Dhaka, 2017.
- 2) M.I. Khan, R. Mondal, S. Islam, M. B. Hossain and Suravi Kanungo, "Directive Orthogonal Polarized Superwideband Isolated MIMO Antenna with Small Group Delay and Large Front to Back Ratio" 2017 International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICICT), India, July 2017.
- 3) M. I. Khan, M. A. Kabir and A. Hira, "A simple multiband patch antenna for application in wireless communication," 2017 International Conference on Electrical, Computer and Communication Engineering (ECCE), Cox's Bazar, 2017, pp. 615-618.
- 4) M. B. Hossain, S. Islam, N. e. H. Zhumur, N. N. Khanam, M. I. Khan and M. A. Kabir, "Hybrid neural network for efficient training," 2017 International Conference on Electrical, Computer and Communication Engineering (ECCE), Cox's Bazar, 2017, pp. 528-532.
- 5) M. I. Khan and M. A. Kabir, "Review of design for security techniques: Advancement and challenges," 2017 International Conference on Electrical, Computer and Communication Engineering (ECCE), Cox's Bazar, 2017, pp. 406-410.
- 6) M. I. Khan, " Regression based myoglobinuria detection from urine image," ACCENTS Transactions on Image Processing and Computer Vision (TIPCVC), Volume-2, Issue-3, May-2016, pp.7-10.
- 7) A. Basir and M. I. Khan, "Electrical properties of conductive polymer composites containing silver-coated glass particle and multi-walled carbon nanotube hybrid fillers," 2016 3rd International Conference on Electrical Engineering and Information Communication Technology (ICEEICT), Dhaka, 2016, pp. 1-5.
- 8) A. Basir, M. M. Rahman, M. I. Khan and M. B. Hossain, "A survey on use of hybrid fillers in conductive polymer composites," 2016 3rd International Conference on Electrical Engineering and Information Communication Technology (ICEEICT), Dhaka, 2016, pp. 1-6.
- 9) M. S. Hakim, F. Latif, M. I. Khan and A. Basir, "Design and implementation of three-stage battery charger for lead-acid battery," 2016 3rd International Conference on Electrical Engineering and Information Communication Technology (ICEEICT), Dhaka, 2016, pp. 1-5.

- 10) R. K. Mondol, M. I. Khan, A. K. M. Hye and A. Hassan, "Hardware architecture design of face recognition system based on FPGA," 2015 International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS), Coimbatore, 2015, pp. 1-5.
- 11) M. I. Khan, A. Basir, S. K. Rahman, K. Rahat and M. Huq, "Production and testing of Dye Sensitized Solar Cell," 2015 International Conference on Electrical Engineering and Information Communication Technology (ICEEICT), Dhaka, 2015, pp. 1-3.
- 12) M. I. Khan and R. K. Mondol, "FPGA Based Leaf Chlorophyll estimating regression model," The 8th International Conference on Software, Knowledge, Information Management and Applications (SKIMA 2014), Dhaka, 2014, pp. 1-6.
- 13) A. Hassan, T. A. Tarique, M. I. Khan and M. I. Abedin, "Observation of reservoir density of state for armchair graphenenanoribbon channel," 2014 9th International Forum on Strategic Technology (IFOST), Cox's Bazar, 2014, pp. 495-498.
- 14) T. A. Tarique, M. A. Zamee and M. I. Khan, "A new approach for pattern recognition with Neuro-Genetic system using Microbial Genetic Algorithm," 2014 International Conference on Electrical Engineering and Information & Communication Technology, Dhaka, 2014, pp. 1-4.
- 15) K. R. M. Huq, A. S. Siraj, M. I. Khan and N. Shama, "Design of a triple band microstrip patch antenna for cellular and Wi-Fi application," 2014 International Conference on Informatics, Electronics & Vision (ICIEV), Dhaka, 2014, pp. 1-6.
- 16) M. I. Khan, R. K. Mondol, M. A. Zamee and T. A. Tarique, "Hardware architecture design of Anemia detecting regression model based on FPGA," 2014 International Conference on Informatics, Electronics & Vision (ICIEV), Dhaka, 2014, pp. 1-5.
- 17) S. M. R. Islam, A. F. M. N. Uddin, M. B. Hossain and M. I. Khan, "FPGA based Heart Arrhythmia's Detection Algorithm," International Journal on Information Technology, vol. 3, no.1, Dec 2013.
- 18) M. I. Khan, M. B. Hossain and A. F. M. N. Uddin, "Performance analysis of modified zero crossing counts method for heart arrhythmias detection and implementation in HDL," 2013 International Conference on Informatics, Electronics and Vision (ICIEV), Dhaka, 2013, pp. 1-6.
- 19) S. M. R. Islam, S. Saha and M. I. Khan, "FPGA Based Digital System for Detection of Dicrotic Notch in the Carotid Pulse Signal," International Journal of Information and Communication Technology Research, vol. 2, no. 12, Dec, 2012.
- 20) M. I. Khan, M. B. Hossain and A. F. M. N. Uddin, "Superiority analysis of MLMS over adaptive filtering methods for heart arrhythmias detection," 2012 7th International Conference on Electrical and Computer Engineering, Dhaka, 2012, pp. 145-148.

## PERSONAL INFORMATION

**Father's Name** : Md. Abdul Wadud Khan  
**Mother's Name** : Shahanaz Parveen  
**Date of Birth** : 31.12.1990  
**Religion** : Islam  
**Marital Status** : Single  
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## REFERENCES

References will be provided upon request.