**MUHAMMAD WASIMUDDIN**

Lecturer, Department of Electronics, University of Peshawar

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**Objectives**

Pursuing Career as Teaching Profession to use my strong passion for children’s development, together with skills and experience that will enable me to make a significant difference in promoting education.

**Personal Statement**

I believe that my gift is Electronics and Computer Science related technologies. I have found myself to be very spirited and motivated while working in a Teaching Profession in the last 6-7 years that include, but not limited to, strong knowledge of organizational, educational, and public sectors. Teaching Experience with responsibility of creating, conducting and grading courses and exams.

I always look forward to join team where I can of best help to building and expand Education Cloud.

**Education**

**PhD Electronics** (In progress)

University of Peshawar

**MS Electrical Engineering** (2008)

University of Bridgeport, USA

**MSc Electronics** (2005)

University of Peshawar

**BSc Computer Science/Electronics** (2002)

University of Peshawar

**Professional Experiences**

1. **L**ecturer(15/01/2013 – Present) – [www.upesh.edu.pk](http://www.upesh.edu.pk)

Teaching courses at BS Electronics including Digital Logic Design, Control System, Analog Electronics, Semiconductor, Solid State, Digital Integrated Design and Project Management.

1. **L**ecturer(08/2008 – 11/2011) – [www.bridgeport.edu](http://www.bridgeport.edu)

Responsible for Teaching Digital Signal Processing Course and Lab, Controls Lab, Fiber Optics Lab, Analog Electronics, Digital Electronics, Computer Architecture, Modern Electronics. Responsible for Creating the Syllabus, Lab Manuals, Checking and Grading Exams. Conducted Quizzes and midterm and final term exams. Managing and conducting exams

1. **L**ecturer(11/2004 - 12/2005) – [www.brains.edu.pk](http://www.brains.edu.pk)

Responsible for Teaching Electronics Laboratory, Digital Fundamentals, Computer Networks, Basic C++ and Advance Networks using CCNA Course Level.

**Paper/Poster Publication**

1. Muhammad Wasimuddin, Navarun Gupta, “**Design and Implementation of Least Mean Square Adaptive Filter on Fetal Electrocardiography**”, IEEE, ASEE NE section conference, University of Bridgeport, April 3-4, 2014.
2. Muhammad Wasimuddin, Navarun Gupta, “**State Estimation Using Kalman Filter**”, ASEE NE section conference, University of Bridgeport, April 3-4, 2009.
3. Muhammad Wasimuddin, Luja Shrestha, “**Timestamp Optimization Technique For Quality Of Service In Wireless Sensor Networks**”, ASEE NE section conference, University of Bridgeport, April 3-4, 2009.
4. Muhammad Wasimuddin, Muhit Das, Chintan Rajyaguru, “**Dental Drill Noise Reduction Through Adaptive Filtering**”, ASEE NE section conference, University of Bridgeport, April 3-4, 2009.
5. Shahid Latif, Muhammad Kamran, Muhammad Wasimuddin, Rahat Ullah and Abou Bakar Nouman, “**Security Enhancement of Fhss Transmission System Using Hopping Sequence and its Compliment (CHS-FHSS)**”, World Applied Science Journal, 1.Department of computer science and IT, Sarhad University of Sciences & IT SUIT. 2.Department of Electronics, Department of Electronics, University of Peshawar, Pakistan, June 21, 2013.

**Projects**

1. New Business Plan with Strategy and Planning, MS Technology Management USA 2011.
2. Datacenter Temperature Analysis Using Total Quality Management, MSTM USA 2011.
3. State Estimation Using Kalman Filter, MS Electrical Engineering USA 2008.
4. Application of LMS filters to Fetal Electrocardiography, MSEE USA 2007.
5. Adaptive Line Enhancer (ALE), MS Electrical Engineering USA 2007.
6. Drill Noise Cancellation, MS Electrical Engineering USA 2007
7. Computerized Vehicle Tracking System, MSc Electronics 2004

**Information Technology Certifications**

1. Cisco Certified Network Associate (CCNA 640-802).
2. Oracle Solaris Certified System Administrator (OSCSA)
3. CISCO Certified Network Professional (CCNP) (In Progress)
4. Virtualization Certified Expert. (VCE)

**Courses and Training**

1. CCNA Trained from Cisco Local Academy.
2. Wireless Networks.
3. SharePoint2007 trained.
4. Virtualization using VMware vSphere ESX4.x
5. RedHat Enterprise Linux 5 Trained

**Tools and Computer Technologies**

Programming Languages: C++, Unix Shell Scripting, VB Scripting, DOS-Batch Script.

Databases: Microsoft SQL SERVER 2008 Administration, MYSQL,

Operating Systems: Windows 2008 Server, Solaris, Red Hat Enterprise Linux, VMware

Application Tools: Active Directory 2008, Microsoft SharePoint2007

Editor and Reports: MS OFFICE 2010, MS Project 2010, MS Visio 2010.

Simulation Tools: GNS3, Packet Tracer, Wireshark, Matlab, Labview, Orcade Pspice.

**Recognition**

1. Best Student Employee of the Year Award at University of Bridgeport, USA 2007.
2. Cash Award for the Book Store at University of Bridgeport, USA 2007.
3. Distinct Position Holder at MSc Electronics, University of Peshawar 2005.
4. Letter of Appreciation from University of Bridgeport, USA 2009.
5. Member of BS Electronics Admission Committee at Department of Electronics.
6. Member of Electronics Project Exhibition Committee at Department of Electronics.
7. IT Focal Person for Department of Electronics, University of Peshawar.

**References:**

1. Assistant Professor Adeel Ahmad

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1. Assistant Professor Dr. Sana Ul Haq

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