Curriculum Vitae

Ayesha Akhtar

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EDUCATION

- **N.E.D University of Engineering & Technology (June 2008 –Dec.2010)**
  M.E in MSD (Micro System Design) from Electronic Department.
  CGPA of 3.90 on a scale of 4.0.

- **N.E.D University of Engineering & Technology. (jan 2004-Dec 2007)**
  B.E. Electronic Engineering.
  Secured 77% marks (Aggregate)

- **St. joseph's Govt. College for women (2001-2003)**
  H.S.C –Pre Engineering
  Secured 83.3% marks.

- **Habib Girls' School (2001)**
  S.S.C
  Secured 86.2% marks.

PROFESSIONAL EXPERIENCE

- **Working in National University of Computer and Emerging Sciences-FAST as Lecturer in Department of Electrical Engineering from April 23, 2008 to date.**
  - Worked on BUNGUARD CCD/2 CNC Machine to set it into working condition.
  - Designing and Conducting Wave Propagation & Antenna theory Lab and Electronics-II Lab.
  - Designed and conducted the Engineering Workshop Lab.
  - Designed the Manual of Wave Propagation & Antenna Theory Lab, Electronic-II Lab and Engineering Workshop.
  - Worked on Microwave Communication Trainer and Transmission Line Trainer.
  - Member of Final Year Project Committee

- **CAA –Civil Aviation Authority (2006)**
  Worked as an internee for 40 days.
- **PIA Engineering (2006)**
  Worked as an internee for 15 days.

FINAL YEAR PROjECT

- **Design of Internal UPS for PCs**

  This UPS is embedded in the CPU. It does not only supply power to PC during power failure but also saves the data automatically using hibernation mode and then shuts down the system immediately. When power restores hibernation mode provides faster restoration of data than hard reboot which takes place when a typical UPS is used.

COURSE PROJECTS

- Power Amplifier
- Water Level Detector
- 4-way Traffic Signal light
- FSM through Verilog
- Dual polarity regulated power supply

TECHNICAL SKILLS

- Turbo C, Verilog HDL, MS Office, AutoCad, Multisim, Matlab, Orcad & Dip Trace (PCB designing), PCB123, Microwind, Modelsim, Xilinx.

HONOURS AND ACTIVITIES

- Prepared MCQs for National Testing Service (NTS) in 2009
- Represented National University of Computer & Emerging Sciences –EAST at Career Expo 2009 held at Aga Khan Higher Secondary School on March 01, 2009.
- Represented Electronic department of NEDUET in SPEC competition (2007).
- Girls Representative for the 2003-04 batch of the Electronic Department of NEDUET.

SCHOLORSHIPS

- Received University Assistance Scholarship of Rupees 4000 from NED University (2007).
- Received Mian Muhammad Yousuf Scholarship of Rupees 20,000 from NED University (2006).

MEMBERSHIPS:

- **PEC** :Registration No.ELECTRO/9046

REFERENCES:

To be furnished upon request