

In the name of ALLAH, the Compassionate, the Merciful.

Salman Zaffar

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Education:

- PhD (Control Engg) *National University of Science & Technology, Pakistan.* (In Progress)
- MS (MicroElect.): *Middle East Technical University, Turkey.* (Feb, 2003)
- BS (Electronics) : *Sir Syed University of Engg. & Tech., Karachi.* (Mar, 2000)

Experience:

Assistant Professor, DHA Suffa University

Period: June 2012-To date

Responsibilities:

- a) Initiating research collaborations with local and foreign universities.
- b) Development of state-of-the-art Physics laboratory and Mathematics teaching.
- c) Compliance of academic documentation of the department with Higher Education Commission of Pakistan.
- d) Preparing the department for Pakistan Engineering Council accreditation.

Head of the Department, Software & Computer Engineering Dept., Bahria University

Period: September 2010-May 2011.

Responsibilities:

- a) Compliance of academic documentation of the department with Higher Education Commission of Pakistan.
- b) Preparing the department for Pakistan Engineering Council accreditation.
- c) Providing a supportive academic environment to both the faculty and students.

Assistant Professorship at Bahria University

Period: August 2004-May 2011.

Responsibilities:

- a) Teaching both basic and advanced courses in electrical engineering department at undergraduate level.
- b) Course Coordination.
- c) Project Coordination.

Assistant Professorship at NED University:

Period: May 2003-July 2004

Responsibilities:

- a) Teaching both basic and advanced courses in electrical engineering department at undergraduate level.
- b) Incharge of VLSI and DSP lab.

Visiting Faculty

Bahria University, NED University, Iqra University and Muhammad Ali Jinnah University.

PhD Research:

Optimal/Robust Control of Uncertain Nonlinear Systems

Publication:

- a) Salman Zaffar, Attaullah Memon, "Robust and Optimal Stabilization of Uncertain Linear Systems using LQR Methods", United Kingdom Automatic Control Conference 2014.

Trainings:

1. I attended a 15-days training from Mentor Graphics Singapore in July, 2008 and 2010 on the following
 1. *Nanometer IC Design*
 2. *PCB Expedition*
 3. *FPGA Advantage*
2. I also attended a Higher Education Commission, Pakistan workshop in November, 2008 on *latest methods of student evaluations in universities.*

Consultancy:

1. Installation and Commissioning of Mentor Graphics EDA tools for FPGA, PCB and IC design in 10 Pakistani universities. I work in close coordination with Mentor Graphics Singapore office to provide technical support to these universities.
2. Training needs of Pakistani companies which are involved in FPGA based designs using Xilinx devices.

Softwares:

- Mathematica & System Modeler
- Cadence/Mentor Graphics
- Xilinx ISE & Modelsim
- Matlab & Simulink

Personal Data:

- Date of Birth 10/01/1977.
- Nationality Pakistani.

References:

Dr. Attaullah Memon attazz@gmail.com
Dr. Bilal Kadri bilal.kadri@gmail.com
Dr. Abid Karim akarimpk@yahoo.com
Dr. Tayfun Akin tayfuna@metu.edu.tr