

FATIMA FAROOQUI

A-86, Longlife Bangalows, Block 17,
Gulistan e Johar KARACHI

fatimaf@neduet.edu.pk

Academics:

- **M.Engg. Electronics (Specialization in Micro System Design)** from NED University of Engg. & Tech., Karachi (in progress-complete in December 2011) CGPA 3.9
- **B.E. Telecommunications Engineering** from NED University of Engg. & Tech., Karachi with A+ grade (2004-2007)

Teaching Experience:

1. Lecturer in Department of Electronic Engineering NED University Karachi
 - Analog Integrated Circuits
 - Amplifiers & Oscillators
 - Optoelectronics & Microwave Systems
 - Electronics-I

Bachelor's Thesis:

Code developed to predict the radiation pattern of antenna based on different locations by varying different parameter such as height, angle, number of directors, etc. It basically describes the signal strength and range when the antenna is placed in urban vs. rural clutter.

Prominent Project:

- Participation in Leg movement of robot, which follows predefined path exhibited in SPEC 2006.

Computer Skills:

- **Programming and Problem Solving:** C-language, C++
- **Simulation Tools:** Cadence, Mentor Graphics, Multisim
- **VLSI EDA Tools:** Verilog HDL, ModelSim

Memberships:

- Registered Engineer from Pakistan Engineering Council