

# RABBIA SALEEM

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## Qualification

<b>MS Electrical Engineering</b> (Telecommunication and Electronics) University of Engineering and Technology, Lahore , Pakistan	<b>2014- Present</b>	<b>CGPA: 3.64/4</b>
<b>BS (hons) Electrical Engineering</b> (Telecommunication and Electronics) University of Engineering and Technology, Lahore, Pakistan	<b>2008-2012</b>	<b>CGPA: 3.771/4</b>

## Experience

- Lecturer** **September 2013 to Present**  
**Electrical Engineering Department, The University of Punjab, Lahore.**  
During this job I taught undergraduate courses of Communication Systems, Probability and random variables, Electronic Devices and Circuits, Electric Circuits, Antenna Theory and Wave propagation and also conducted their labs. I prepared course files, upgraded the lab manuals and managed Lab Equipment. I supervised many undergraduate semester projects. I am also the Coordinator of students extracurricular activities and have arranged few industrial/recreational tours. I participated in the departmental duties related to examination and I am also carrying out research work.
- Advisor WIE, IEEE PU Student Branch** **June 2016 to Present**  
**Electrical Engineering Department, The University of Punjab, Lahore**  
As an Advisor WIE, IEEE PU branch I managed and hosted an International Event , **IEEE ComSoc Summer School Program 2016**. I also supervised other non technical branch events and I am working on future workshops related to women empowerment.
- Lecturer** **January 2013 - September 2013**  
**Electrical Engineering Department, University of Engineering and Technology, Lahore**  
My responsibilities included teaching the undergraduate course of Electric Circuits and conducting its Lab.
- Lab Engineer** **September 2012 - January 2013**  
**Electrical Engineering Department, Lahore College for Women and University**  
Over this period I conducted Lab of Electric Circuits, taught a undergraduate course of Introduction to Computing, updated Lab Manuals and participated in departmental duties and research work.

## MS Research and Thesis (Ongoing)

**A Hybrid Mobility Management Scheme for Cognitive Radio Wireless Networks :** A hybrid approach is proposed, that involves a power control scheme and a trading mechanism, which is expected to efficiently optimize the spectrum assignment of a CR.

## BS Final Year Project and Thesis

**GSM Based Security System:** The project was aimed at developing a security system for monitoring and control of a place for protection against any intrusion, illegal movement, door opening, fire, etc using the services offered by the GSM technology

### Workshops / Seminars/ Conferences Attended

- National ICT R&D Fund Workshop on **Communication Science & Systems (Part II)** held at LUMS,2016
- National ICT R&D Fund Workshop on **Communication Science & Systems** held at LUMS,2016
- **IEEE ComSoc Summer School Program 2016** held at PU and UET, Lahore.
- Workshop on **Faculty Development** held at EED, PU, Lahore, 2016
- Hands on Workshop on **IEEE digital library and HEC Electronic Databases** held at PU, Lahore , 2016.
- **PEC Bidding Documents** workshop held at UET, Lahore, 2016.
- Workshop on **Opportunities for 5G R & D activities in Pakistan** held in LUMS ,2015.
- **4 Days Workshop on Faculty Orientation Program** held at IAS, PU , Lahore, 2015.
- Workshop of **Communicating Effectively** by World Bank Group held at IAS,PU , Lahore, **2015**.
- PEC Workshop on **Total Quality Management** for Engineers at UET, Lahore, 2015
- PEC Workshop for **Professional Development of Engineers** at USA, Lahore, 2014.
- 4 Weeks Special **Training Workshop in Spoken English** at UET , Lahore, 2010.

### Technical Skills

- **Programming Languages** : C, Verilog, Assembly, GW Basic
- **Software:** MATLAB, Proteus, Kiel, Xilinx, Multisim, MS Office, OMNET PP
- **Hardware:** 8086 Microprocessor, FPGA, Analog and Digital Communication Trainer, Antenna Trainer

### Achievements

- Won **Gold Medal** for 1<sup>st</sup> position in School for SSC Session 2006
- Got certificate of **Role of Honor** in School, 2005.
- Won **merit scholarship**, for highest score in mathematics from LCWU, 2007.
- Won **merit Scholarship**, for top 5 positions of 4<sup>th</sup> and 6<sup>th</sup> semester of BSc from UET, Lahore.
- Awarded Lapel Pin from **IEEE COMSOC** by VC , UET , Lahore in appreciation for managing an International IEEE COMSOC Summer School Program in July 2016.