

MUNIBA AHMAD

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Professional Profile	<p>I am a motivated, hardworking and research oriented professional who is ambitious to develop and apply skills attained through my academic and professional career. I also have experience in organizing workshops and seminars. I am also professional IEEE member and advisor of IEEE WIE Affinity group of IIUI. Excellent knowledge of subjects related to my field and have great practical knowledge. In short, I am proficient in developing skills in students and provide them a growing path.</p> <ul style="list-style-type: none">▪ Programming in C, C++▪ MATLAB▪ LABVIEW▪ SILVACO TCAD▪ ENDNOTE▪ Assembly Language▪ PROTEUS▪ ADS▪ ORIGIN
Papers and Publications	<p>Semiconductor Device Modeling <i>The 9th IEEE International Conference on Advanced Semiconductor Devices and Microsystems M. Ahmad, H.T. Butt, T. Tauqeer and M. Missous, "DC Characterization of InGaAs/InAlAs/InP based Pseudomorphic HEMT (pHEMT)".</i></p> <p><i>M. Ahmad, "Effects of intrinsic layer thickness variations on heterojunction Pin Diode I-V characteristics," 2016 International Conference on Intelligent Systems Engineering (ICISE), Islamabad, 2016, pp. 289-292.</i></p> <p>RADAR Simulation <i>M. Islam, M. U. Afzal, M. Ahmad, and T. Tauqeer, "Simulation and modeling of ground penetrating RADARs," in 2012 International Conference on Emerging Technologies (ICET), 2012, pp. 1-6.</i></p>
Work History	<p>March 2014 to date Lecturer (Electrical Engineering), IIUI, Islamabad</p> <p>October 2011 to June 2013 Lab Engineer (Electronics and Telecom Lab), SZABIST, Islamabad</p> <p>February 2012 to June 2012 Teaching Assistance ship (Calculus), SZABIST, Islamabad</p> <p>February 2011 to June 2011 Teaching Assistance ship (Digital Signal Processing), NUST, Islamabad</p> <p>June 2009 to August 2009 Internee, PTCL, Rawalpindi</p>

Education	<p>Phd Electrical Engineering in progress(Course work completed) International Islamic University Islamabad CGPA 3.5</p> <p>MS Electrical Engineering NUST, School of Electrical and Electronics Engineering, Islamabad. April 2013 CGPA 3.65</p> <p>B.Sc. (Hons) Electrical Engineering University of Engineering and Technology, Taxila June 2010 Marks obtained 77.5%</p>
Areas of Interest	<ul style="list-style-type: none"> • Semiconductor device modeling • Power systems • RF and microwave Engineering
Subjects Taught at undergraduate level:	<ul style="list-style-type: none"> • Power system Analysis • Power Distribution and Utilization • Electromagnetic Theory • Digital logic design • Circuit Analysis • Engineering Physics • Engineering Drawing • Basic Mechanical Engineering • Electrical Machines • Satellite Communication
References	<p>Dr. Tauseef Tauqeer HOD Electronics Engineering, SEecs, NUST, Islamabad. tauseeftauqeer@seecs.edu.pk</p>