

Rabia Jamshaid

Lecturer Electrical Engineering, NUST, Islamabad,
Pakistan

rabia_jamshaid@yahoo.com

Address: House no 44# D, Shah Ruken Alam
Colony, Multan, Pakistan
Mobile: 00923427001977

Electrical Engineering graduate from top ranked engineering university of Pakistan with work experience in design and fabrication of MEMS devices. My aim is to obtain a position as researcher in electrical engineering to use my strong passion for Microelectromechanical systems together with research skills and experience. This will enable me to nourish my research aptitude and knowledge of electrical engineering subjects via MEMS.

Work experience

Dates	October 2016 – Present
Occupation or position held	Lecturer, Electrical Engineering
Name and address of employer	Department of Mechatronics Engineering, College of E&ME, NUST, Pakistan
Dates	September 2014 – June 2015
Occupation or position held	Research Assistant with Dr. Tahir Zaidi
Main activities and responsibilities	Worked and assisted in different research projects. Prepared lecture slides for graduate level course "Thin Film Technology". Delivered lectures in Digital Logic Design and Electronics lab. Delivered lectures about lab equipment and experimental procedures. Helped undergraduate students to perform their lab and final year projects.
Name and address of employer	Department of Electrical Engineering, College of E&ME, NUST, Pakistan
Type of business or sector	University
Dates	June 2012 – July 2012
Occupation or position held	Intern
Name and address of Employer	Thermal Power Plant, Muzaffargarh, Pakistan
Type of business or sector	Industry
Dates	July 2010 – August 2010
Occupation or position held	Intern
Name and address of employer	Orient Group of Companies (OGC) Lahore, Pakistan
Type of business or sector	Private Sector

Education and training	
Dates	September 2013 – September 2015
Title of qualification	Master of Science in Electrical Engineering
CGPA	3.80/4.0
Principal subjects/occupational skills covered	Quantum Mechanics, Semiconductor Processing, Semiconductor Device Physics, Solid State Electronics, Thin Film Processing, Numerical Analysis, Advanced Topics in Solid State Electronics, Microelectromechanical Systems
Name and type of organisation providing education and training	Department of Electrical Engineering, College of Electrical and Mechanical Engineering, National University of Sciences and Technology, Islamabad, 44000, Pakistan
Dates	September 2007 - September 2011
Title of qualification awarded	Bachelor of Science in Electrical Engineering
CGPA	3.29/4.0
Principal subjects/occupational skills covered	Electric Circuits, Advance Computer Programming, Control Systems, Electronic Devices and Circuits, Communication Systems, Microwave Engineering, Power Electronics, Discrete Time Signal Processing.
Name and type of organisation providing education and training	Department of Electrical Engineering, The University of Punjab, Lahore, Pakistan
Dates	2005 – 2007
Title of qualification awarded	Higher Secondary School Certificate
Grade	A
Principal subjects/occupational skills covered	Physics, Chemistry, Math.
Name and type of organisation providing education and training	Board of Intermediate and Secondary Education, Multan, 60000, Pakistan.
Publications	<ol style="list-style-type: none"> 1) Rabia Jamshaid, Imran Aziz, Tahir Zaidi, Imran Akhtar, 2016, "Numerical Simulation of Heat Transfer to Optimize DNA Amplification in Polymerase Chain Reaction", <i>13th International Bhurban Conference on Applied Sciences & Technology</i>, 12-16 January, 2016, Islamabad Pakistan. 2) Rabia Jamshaid, Imran Aziz, Tahir Zaidi, Imran Akhtar, "Glass Based Polymerase Chain Reaction Device for DNA Amplification", <i>12th International Conference on High-capacity Optical Networks and Enabling / Emerging Technologies</i>, 21-23 December, 2015, Islamabad, Pakistan.
Softwares and Skills	<p>Good Verbal and Nonverbal Communication Skills in English.</p> <p>Experience in using softwares i.e. Matlab, Microcontroller, Multisim, PSpice, Portel / Atium, Simulink, MS Office and Proteus for solving Electrical Engineering Problems</p> <p>Hands on experience in Micro Fabrication.</p> <p>Experience of using Pro Engineer and ANSYS software.</p>
Achievements	<p>Received Full Merit Scholarship during Intermediate by Punjab Group of Colleges (PGC) Multan.</p> <p>Received Full Merit Endowment Scholarship during Masters by NUST Islamabad.</p>
Contactable Referees	<p>Imran Akhtar, PhD from Virginia Tech (USA) Assistant Professor, Department of Mechanical Engineering, CEME, NUST, Pakistan Email : imranvt@gmail.com</p> <p>Dr Tahir Zaidi, PhD from Virginia Tech (USA) Associate Professor, Department of Electrical Engineering, CEME, NUST, Pakistan</p>

Email: tahirzaidi@ceme.edu.pk

Dr Hamood ur Rahman, PhD, University of New South Wales (Australia)
Associate Professor, Department of Electrical Engineering, CEME, NUST, Pakistan
Email: khawajahamood@ceme.nust.edu.pk