


PERSONAL INFORMATION

Syed Kamal Mustafa

 508 Xinyuan Road, Qingpu district, 201707 Shanghai (China)

 +8618550507540  +923217357690

 bukhari917@gmail.com

 Skype bukhari917

WORK EXPERIENCE

May 2016–Present

RF Engineer (Microwave Antenna)

Rosenberger Asia Pacific (Pvt) Ltd, Shanghai (China)

Responsible for design, development, measurements, qualification and product release of Microwave antennas. I am also responsible for outdoor test range measurement and responsible for failure analysis, functional verification and technical documentation of the products.

Apr 2015–Oct 2015

Visiting Researcher (Antenna group)

Chalmers University of Technology, Gothenburg (Sweden)

Worked with antenna group at Chalmers university as a visiting researcher.

Thesis title: Hybrid Analog-Digital Beam-Steered Slot Antenna Array for mm-Wave Applications in Gap Waveguide Technology.

Nov 2011–Feb 2014

Assistant Manager (Technical)

Space and Upper Atmosphere Research Commission, Lahore (Pakistan)

Responsible for antenna design and measurement (in anechoic chamber) as a member of RnD team involved in the development of satellite communication system.

Jul 2010–Aug 2010

Intern

Space and Upper Atmosphere Research Commission, Lahore (Pakistan)

I worked in the Antenna Systems lab where I had the opportunity to learn different antenna design softwares including NEC, CST and HFSS

EDUCATION AND TRAINING

Oct 2013–Oct 2015

Master of Telecommunication Engineering

Politecnico di Torino, Turin (Italy)

Oct 2007–Sep 2011

Bachelor of Science (Communication Systems Engineering)

Institute of Space Technology, Islamabad (Pakistan)

PERSONAL SKILLS

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C1	C1
IELTS General					

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills Excellent communication skills, both verbal as well as written.

Organisational / managerial skills Leadership, Self driven, multi tasking, team work

- Job-related skills**
- "Can-do" attitude
 - Experience of working in CST Microwave Studio, HFSS and Quick Wave
 - Knowledge and experience of working in Matlab
 - Knowledge and working experience of measuring radiation performance of antennas
 - Theoretical knowledge of antennas and wave propagation
 - Experience of Antenna measurements in anechoic chamber and at out door test range
 - Knowledge and experience of working with RF test equipment
 - Knowledge and experience handling regulatory requirements like FCC, ETSI, SRSP, ANATEL, ACMA etc
 - Knowledge and experience of handling data in excel for Antenna test reports.
 - Experience of working with International team

ADDITIONAL INFORMATION

- Projects**
- Currently working on design, development and qualification of point to point microwave antennas for frequencies ranging from 6-80 GHz. I am part of the design team as well as incharge for lab and outdoor range testing (qualification) of these antennas
 - Worked on "Hybrid Analog-Digital Beam-Steered Slot Antenna Array for mm-Wave Applications in Gap Waveguide Technology" with Prof. Marianna Ivashina at Chalmers University of Technology, Sweden
 - Worked as semester project on comparative analysis of different techniques for circular polarization in patch antennas with Prof. Mario Orefice, Director Antennas and EMC Lab, Politecnico di Torino, Italy
 - Worked as semester project on helical antenna design.
 - Worked as interne in Suparco on log periodic antenna design.
 - Worked on dielectric rod antenna design and testing in anechoic chamber
 - Worked on the use of dielectric rod antennas for monopulse tracking

- Publications**
- "Design, Development and Testing of Dielectric Tapered Rod Feed for Parabolic Reflector Antenna as an Alternate to Feed Horns", Syed Kamal Mustafa and Shahnaz Yasir, IEEE 10th International Bhurban Conference on Applied Sciences and Technology (IBCAST), Islamabad, Pakistan. Jan 2013.

- Honours and awards**
- Won merit based Free Education Scholarship (100%) from Punjab Group of Colleges for my two years intermediate studies. [2005-07]
 - Won merit based fully funded sponsorship from SUPARCO for my four year's bachelor's degree program. [2007-11]