Curriculum Vitae

ENGR: KAMRAN KAZI

Contents

KAMRAN KAZI

Residence

Kazi House, Last Street Muhammad Bux Shoro Village Near Suzuki Showroom Jamshoro Road Qasimabad Hyderabad Sindh Pakistan.

☎ +92-22-3667147 (Res), ☏+92-333-2643294(Mobile)

Office

Department of Electronic Engineering Mehran University of Engineering & Technology Jamshoro (Sindh), Pakistan.
☎ +92-22-2771334

Email: kamran.kazi@faculty.muet.edu.pk

Personal Profile

Age	:	36 years	**Date of Birth**	:	22ND June, 1973
Nationality	:	Pakistani	**Gender**	:	Male
Marital Status	:	Married	**CNIC No.**	:	41303-2730424-9

Education

Degree/Level	University/Board	Year	G.P.A/Percentage	Division
M.E (Communication System & Networks)	Mehran UET Jamshoro	2005	3.57 G.P.A	First
B. E (Electronics)	Mehran UET Jamshoro	1998	80.97%	First
Higher Secondary Certification (HSC)	B.I.S.E Hyderabad	1991	62%	First
Secondary School Certification (SSC)	B.I.S.E Hyderabad	1989	62%	First

Professional Memberships

Pakistan Engineering Council (P.E.C)   **Membership No. Electro/48336**

Jobs and Experiences

Present Job:

Working as a Assistant Professor in Mehran University of Engineering & Technology Jamshoro Pakistan. Job responsibilities include teaching and research.

Duration: From 07-02-2011 to date

Previous Jobs:

- Worked as a Lecturer in Mehran University of Engineering & Technology Jamshoro Pakistan. Job responsibilities include teaching and research.

  Duration: From **15-08-2009 to** 06-02-2011

- Worked as a Lab-lecturer in Mehran University of Engineering & Technology Jamshoro Pakistan. Job responsibilities include teaching and research.

  Duration: From **11-10-2003 to** 14-08-2009

- Worked as Demonstrator BPS-17 in Mehran University of Engineering & Technology Jamshoro Pakistan Job responsibilities include Teaching and research.

  Duration: From 24-04-2003 to 10-10-2003

Research Journal Publications

1. I. HUSSAIN, I. A. HALEPOTO, W. KUMAR, **K. KAZI**, "**Anti-Slip Traction Control of Railway Vehicle Based on Estimated Wheel-Rail Contact Condition**" *Sindh Univ. Res. Jour. (Sci. Ser.) Vol. 45 (2) 373-378 (2013).*

2. Ayaz Ahmed Soomro, Imtiaz Hussain Kalwar, **Kamran Kazi**, "A Hybrid Monitoring Technique for Diagnosis of Mechanical Faults in Induction Motors"**Indian Journal of Science and Technology,** *Vol 9(47), DOI: 10.17485/ijst/2016/v9i47/108657, December 2016.*

3. Mansoor Ahmed Soomro[*], Anwar Ali Sahito, Irfan Ahmed Halepoto and **Kamran Kazi,** " Single Tuned Harmonic Shunt Passive Filter Design for Suppressing Dominant Odd Order Harmonics in order to

Improve Energy Efficiency" **Indian Journal of Science and Technology,** *Vol 9(47), DOI: 10.17485/ijst/2016/v9i47/108649, December 2016.*

4. Khurram Shaikh*, Imtiaz Hussain Kalwar, Bhawani Shankar Chowdhry, **Kamran Kazi** and Burhan Aslam Arain, "Modeling and Simulation of Predictive Maintenance Scheme for High Speed Railway Vehicles" Indian Journal of Science and Technology, Vol 9(S1), DOI: 10.17485/ijst/2016/v9iS1/109279, December 2016.

Conference Publications

I.   Hussain, A.A. Patoli and **K.Kazi " Fuzzy Logic Based Effective Anti-Lock Breaking System Adaptive to Road Conditions**" First International Conference on Modern Communication & Computing Technologies (MCCT'14).

Thesis Supervised

M.E Candidates

S. No	Thesis Title	Supervisor/ Co-supervisor	Student's Name/ Roll. No	Status
1	On-line Condition Monitoring and Fault Localization of Induction Motor using Motor Current Signature Analysis and Fuzzy Logic	Dr. Imtiaz Hussain Kalwar/ **Engr. Kamran Kazi**	Engr. Ayaz Ahmed Soomro B10 ME ESE 64	Graduated in 2016
2	Design of Controller using Hardware in the Loop (HIL) Simulation for Unmanned Small Helicopter	Dr. Arbab Nighat/**Engr. Kamran Kazi**	Engr. Muhammad Riaz Khalid B 10 09 ME ESE 13	Give Final Seminar 2016
3	Frequency- Domain System Identification of UAV Using Flight Data	Dr. Arbab Nighat/**Engr. Kamran Kazi**	Engr. Bhajan Kumar B 13 ME ESE 08	Give Final Seminar 2016

B.E Thesis

Degree	Title of Thesis	Year of Completion
B.E	Study & Analysis of Bluetooth Technology	2006
B.E	Low Cost Microcontroller-based Application for Home Safety & Control	2007

B.E	Architecture and Performance Analysis of WLL	2007
B.E	Design and Analysis of Ultra Wideband (UWB) Transmitter.	2009
B.E	Fixed Wireless Broadband Communication for Rural Areas	2009
B.E	Design and Analysis of Ultra Wideband (UWB) Transmitter.	2009
B.E	Fire Fighting Robot	2014
B.E	RFID Based Librarian Robot	2014
B.E	Pet Bot	2014
B.E	Electronic Attendance System	2014
B.E	Automatic Robotic Arm	2016
B.E	Personal Computer Based Marine Engine Monitoring & Interactive Control System	2016

Computer Skills

Skills	Duration	Proficiency
EWB 5.1, Circuit Maker	During B.E	Intermediate
C, C++, GW-Basic	During B.E	Intermediate
Assembly language	During B.E	Intermediate
MS Office	During B.E	High
WONDOWS XP/2000/Me/98 & DOS	During B.E	High
Adobe PhotoShop, Adobe Acrobat reader	During B.E	High

Workshops, Trainings, Internships, Seminars
(Attended)

Type	Title	Date		Organization
		From	To	
Workshop	ISO-9000	November.. 26,1997	November.. 27,1997	Mehran UET Jamshoro.
Training	Installing Hardware and Software Troubleshooting Hardware Suit I and II	May 01, 2000	June 01, 2000	Computer 2000
Workshop	Preventive Maintenance	March 25, 2003	March 27, 2003	Petroman Karachi
Training	Fiber Optics System Specialist	April 10, 2003	April 12, 2005	Mehran UET Jamshoro.
Workshop	Telecommunication Technology	February 13, 2004	February 14, 2004	Mehran UET Jamshoro.
Workshop	Neural Networks	September 05, 2005	September 05, 2005	Mehran UET Jamshoro.
Seminar	21st All Pakistan Electrical & Electronics Engineers Students	January 21, 2006	One Day	Mehran UET Jamshoro.
Workshop/ Seminar	Instrumentation Interface Design for Automation in Research and Industry & Seminar on Leadership and Time Management	August 12, 2008	One day	Mehran UET Jamshoro.

Training	Programmable Logic Controller (PLC)	December 29, 2008	December 31, 2008	Mehran UET Jamshoro
Training	Field Programmable Gate Array (FPGA)	March 13, 2009	March 15, 2009	Mehran UET Jamshoro.

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✍ __Theses Written By Me__

Degree	Thesis Title	Year of Completion
B.E	__Installation and Management of Windows NT__ It is a 32-bit Windows NT system available in both workstation and server editions with a graphical environment similar to that of Windows 95. In this thesis I Install the Windows NT 4.0 environment in server and workstation, Install NIC Card in Server and Workstation and complete the LAN Connection in Software Laboratory.	1998

M.E	**Cost Effective Fixed Wireless Communication for Remote and Rural Areas** IN REMOTE AND RURAL AREA, MEDIA FOR DATA COMMUNICATION IS NOT EASILY AVAILABLE FOR CORPORATE, GOVERNMENT, AND PRIVATE SECTORS. IN MY WORK, I HAVE PROPOSED THE DEPLOYMENT OF POINT-TO MULTIPOINT (PMP) SYSTEM THAT CAN BE BENEFICIAL FOR MOST OF OUR REMOTE AND RURAL AREAS WHERE PSTN MEDIA STREAM IS AVAILABLE BUT IP SERVICE IS NOT AVAILABLE.	2005

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