



Dr. Zubair Ahmed Memon
H. No. A-87, Phase-I, Sindh University Employees
Co-operative Housing Society, Jamshoro, Sindh.
Cell # + 92 333 2621288
Email: zubair.memon@faculty.muets.edu.pk
Birth: 01-03-1968

Objective

To enhance the overall research quality at Mehran, UET and I also desire to transfer the knowledge to the young generation by teaching and training.

Professional Experience

- Professor, Department of Electrical Engineering, MUET, Jamshoro, (08-03-2013 to date)
- Associate Professor, Department of Electrical Engineering, MUET, Jamshoro, (07-02-2012 to 07-03-2013)
- Assistant Professor, Department of Electrical Engineering, MUET, Jamshoro, (16-06-1998 to 07-02-2012).
- Lecturer, Department of Electrical Engineering, MUET, Jamshoro, (16-08-1993 to 16-06-1998).
- Research Assistant, Department of Electrical Engineering, MUET, Jamshoro, (13-01-1993 to 16-08-1993).
- Research Fellow, Department of Electrical Engineering, MUET, Jamshoro, (04-01-1992 to 13-01-1993).

Education

- Doctor of Philosophy (**Ph.D**) in the field of Electrical Power Engineering from Mehran UET, Jamshoro, Sindh, Pakistan, January, 2012.
- Master of Engineering (**M.E**) in the field of Electrical Power Engineering from Mehran UET, Jamshoro, Sindh, Pakistan, July, 2005.
- Bachelor of Engineering (**B.E**) in the field of Electrical Engineering from Mehran UET, Jamshoro, Sindh, Pakistan, August, 1991.

Certificate Courses

- MATLAB.
- E-Journals, e-brary Databases and OPACs Awareness.
- Electronic Books & Their Usage.
- Conserve Energy Effectively.
- Programming in C and C⁺⁺ languages
- Contemporary Practices in Registration and Student Body Management.

- ISO 9000
- English Language Improvement and Class Room Methods.
- Electrical Machines and Power Electronics.
- Understanding of Matlab towards the Solution of Physical Problems.
- Electrical Safety Requirements in Industry.
- Electrical Energy Conservation & Alternate Sources.
- Electronic Journals & Electronic Library Resources.

Proficiency in Computer

MS Office 97/2000, Matlab/Simulink, PSPICE, Electronic Workbench, OriginPro8, Microsoft Office Visio 2007.

Teaching Interest

Power quality, Power Electronics, Electrical Machines, Linear Electrical Circuits.

Award

Meritorious Performance Award in organizing the convocation-99 of Mehran, UET, Jamshoro.

References

1. Dr. Muhammad Aslam Uqaili, Pro-Vice Chancellor, Mehran UET, Jamshoro.
2. Dr. Mukhtiar Ali Unar, Chairman Department of Computer Systems Engineering, Mehran, UET, Jamshoro.

National Publications

1. Aslam Pervez Memon, Muhammad Aslam Uqaili and **Zubair Ahmed Memon**, “Wavelet Transform and ANNs for Detection and Classification of Power Signal Disturbances,” Mehran University Research Journal of Engineering & Technology, Vol.31, No.4, **October, 2012**, pp.755-768.
2. Haju Muhammad Naleer, Yalou and **Zubair Ahmed Memon**, “Improved Two-Step Face Hallucination with Coupled Residue Compensation,” Mehran University Research Journal of Engineering & Technology, Vol.31, No.3, **July, 2012**, pp.451-454.
3. Aslam Pervez Memon, Muhammad Aslam Uqaili and **Zubair Ahmed Memon**, “Design of FNN AVR for Enhancement of Power System Stability Using Matlab/Simulink,” Mehran University Research Journal of Engineering & Technology, Vol.31, No.3, **July, 2012**, pp.529-536.
4. **Zubair Ahmed Memon**, Muhammad Aslam Uqaili and Mukhtiar Ali Unar,” Design of Three-Phase Hybrid Active Power Filter for Compensating the Harmonic Currents of Three-Phase System,” Mehran University Research Journal of Engineering & Technology, Vol.31, No.2, **April, 2012**, pp.347-354.
5. **Zubair Ahmed Memon**, Muhammad Aslam Uqaili and Mukhtiar Ali Unar, ”Harmonic Mitigations of Industrial Power System Using Passive Filters,” Mehran University Research Journal of Engineering & Technology, Vol.31, No.2, **April, 2012**, pp.355-360.
6. Mansoor Ahmed Soomro, Muhammad Aslam Uqaili and **Zubair Ahmed Memon**, “A Novel Method of the Current Harmonic Elimination of Industrial Power System Using single Tuned Shunt Passive Filter,” Mehran University Research Journal of Engineering & Technology, Vol.31, No.1, **January, 2012**, pp.101-106.
7. **Zubair Ahmed Memon**, Muhammad Aslam Uqaili and Mansoor Ahmed Soomro, “Experimental Analysis of Harmonic Mitigation Effects on Three-phase Six-Pulse Converter by Using Shunt Passive Filters,” Mehran University Research Journal of Engineering & Technology, Vol.30, No.4, **October, 2011**, pp.653-656.
8. Aftab Ahmed Shaikh, Abdul Hussain Shah Bukhari and **Zubair Ahmed Memon**,” Solving University Scheduling Problem Using Hybrid Approach,” Mehran University Research Journal of Engineering & Technology, Vol.30, No.4, **October, 2011**, pp.613-624.
9. Abdul Qadir, **Zubair Ahmed Memon** and Feroz Shah Syed, “Validity of the Janssen Model for Layered Structures in a Silo,” Mehran University Research Journal of Engineering & Technology, Vol.30, No.3, **July, 2011**, pp.405-410.
10. Ram Chand, **Zubair Ahmed Memon** and Abdul Qadir, “Effects of Moving Side Walls on Confined Granular Pakings,” Mehran University Research Journal of Engineering & Technology, Vol.30, No.3, **July, 2011**, pp.411-416.

11. Muhammad Khan Burdi, **Zubair Ahmed Memon** and Saeed Ahmed Shaikh, "A Simple Fault Locator for Automatic Fault Location in 11kV Distribution System" Journal of Engineering and Applied Sciences, Vol.19, No.19, **January-June, 2000**, pp.1-6.
12. Muhammad Khan Burdi, Saeed Ahmed Shaikh, **Zubair Ahmed Memon**, "Modeling and Simulation of Surge Arrestor for Protection of Fault Locator" Journal of Engineering & Applied Sciences Vol.18, No.2, **July-December, 1999**, pp.121-127.
13. Muhammad Khan Burdi, Shabir Ahmed Memon, **Zubair Ahmed Memon**, "A New Fault Locator For Electric Power Systems- Simulation Test Results" Mehran University Research Journal of Engineering: & Technology, Vol.15, No.1, **January, 1996**, pp.33-40.

International Publication

1. **Zubair Ahmed Memon**, Muhammad Aslam Uqaili and Mukhtiar Ali Unar, "Estimation of Compensation Current Reference Using Fuzzy Logic Controller for Three-Phase Hybrid Active Power Filter," International Journal of Computer Applications, Vol.43, No.11, **April, 2012**, pp.16-21.

Conference Paper

1. Xianran Jia, Yaping Dai and **Zubair Ahmed Memon**, " Adaptive Neuro-Fuzzy Inference System Design of Inverted Pendulum System on an Inclined Rail," Second Global Conference on Intelligent Systems, December 16-17, 2010, **Wuhan, China**.