



Muhammad Shafiq

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Education

PhD in Information and Computer Engineering

Academic Experience

September 2002 to 2007, Faculty Member (As Assistant and Associate Professor)

College of computer Sciences and Engineering, Systems Engineering Department, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia.

June 2006 to 2009, Professor , Under Higher Education Commission Pakistan at GIK Institute of Engineering Sciences and Technology, Topi, Pakistan and IIU, Islamabad, Pakistan.

September 2009 till date, Associate Professor, Department of Electrical and Computer Engineering, SQU, Mascut, Oman.

Non-Academic Experience

N/A

Certifications or Professional Registrations

1. Senior Member IEEE 2. Professional member PEC 3. Member ISA

Current Membership in Professional Organizations

1. Senior Member IEEE 2. Professional member PEC 3. Member ISA

Honors and Awards

1. VC certificates of recognition 2014
 - a. for services in ABET accreditation committee
 - b. for participation in the industrial innovation program
2. Dean CE certificate in recognition for wining first prize in poster competition, ICCSPA15.
3. Certificate of recognition for contribution to Engineering Students Ethics Competition-2015, Sharjah UAE by the director of KU, Sharjah Campus.
4. Vice Chancellor awarded a certificate in recognition research and development activities, 2016.

Service Activities

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| 2016-2018 | Chair: Final Year Design Project committee MCE |
| 2014-2015 | Chair:Final Year Design Project committee ECE |
| 2013-2015 | Chair:Final Year Design Project committee MCE |
| 2013-2016 | Chair:Health, safety, environment and teaching facilities committee MCE |
| 2010-2012 | Chair: Health, safety, environment and teaching facilities committee ECE |



2008-2009 Academic Quality Assurance Officer at IIU, Islamabad
2006-2008 Academic Quality Assurance Officer at GIKI, Pakistan

Selected Publications

- J1. Muhammad Shafiq, Karthik Laxman and Joydeep Dutta, “Estimation of ion adsorption using iterative analytical model in capacitive deionization process”, *Desalination and Water Treatment*, vol. 116, pp. 75-82, June 2018.
- J2. Muhammad Shafiq, Ashraf Saleem and Mostefa Mesbah, “Model-free data driven control for trajectory tracking of an amplified piezoelectric actuator”, *Sensors and Actuators A: Physical*, vol. 279, no. 8, pp. 27–35, 15 August 2018.
- J3. Israr Ahmad, Muhammad Shafiq and Mohammad Shahzad, “Global finite-time multi-switching synchronization of externally perturbed chaotic oscillators”, *Circuits, Systems, and Signal Processing*, *Circuits, Systems, and Signal Processing*, Springer, pp. 1-26, May, 2018.
- J4. Israr Ahmad, Muhammad Shafiq and M Mossa Al-Sawalha, “Globally exponential multi switching-combination synchronization control of chaotic systems for secure communications”, *Chinese Journal of Physics*, vol. 56, no. 3, pp. 974-987, June 2018
- J5. Muhammad Shafiq, Muhammad A Shafiq and Hassan A Yousef, “Stability and Convergence Analysis of Direct Adaptive Inverse Control”, *Complexity*, November 14, 2017.

Professional Development Activities

Spring 2016 Workshop PLCS IN INDUSTRIAL AUTOMATION
Conference: A Lyapunov function neuro-adaptive controller for LFC in two-area power system, The 41st Annual Conference of the IEEE Industrial Electronics Society, IECON2015, Yokohama, Japan, Nov 9-14, 2015.