

Dr. FOUZUL AZIM SHAIKH

onlyistikhara@gmail.com

PROFESSIONAL EXPERIENCE: 17 YEARS 7 MONTHS

1. **Coordinator** Innovation for All with Intimation to All (**IAIA**), New Delhi. June 2015 to Present.
2. Guest Faculty & **Placement Coordinator** at JMI (Central University) for Solar Energy, Aug 2016 to Oct 2017.
3. **Professor** in Electrical & Electronics Engineering Department, **Krishna Engineering College (KEC)**, Affiliated to UPTU (now AKTU), Lucknow, India. From July 2012-May 2015
Experience as Professor: 2 years 10 months
4. **HOD of Electrical & Electronics Engineering Department, KEC.**
July - Dec, 2013
5. **Associate Professor** in Electrical & Electronics Engineering Department, **Krishna Institute of Engineering & Technology (KIET)**, Affiliated to UPTU (AKTU) Lucknow, India. Aug 2007 to July 2012
Associate Professor: 5 years.
6. **Assistant Professor** in KIET, March 2006 to July 2007.
Assistant Professor: 1 year 4 months.
7. **Senior Lecturer** in KIET, March 2005 to Feb. 2006.
Senior Lecturer: 1 year.
8. **Lecturer** in KIET, January 2004 to Feb. 2005.
Lecturer: 1 year and 2 months.
9. **Teaching Assistant in IIT Delhi**, Dec. 1998 to Dec. 2003.

Teaching Assistantship: 5 years.

DUTIES ASSIGNED AND PERFORMED:

1. **Centre Superintendent of Examinations**, at KEC, Jan-2014 to Jan-2015.
2. Graduate students **Project Coordinator**, KIET and KEC, 2006-2015.
3. **Centre Supervisor at UPSC**, UPSC, (Central Government), 24-08-2014.
4. **Centre Controller at State Entrance Examination**, UPTU, 20-4-2014.
5. **External Examiner** M. Tech. Dissertation at KIET, UPTU. 2013, 2014.
6. **HOD of Electrical & Electronics Engineering Department**, July-Dec, 2013.
7. **Head Examiner** in University Exam, MTU, 09-01-13 to 19-01-2013.
8. **External Examiner** (Practical), UPTU, 2011.
9. **Centre Controller at State Entrance Examination**, UPTU, 20-4-2008.
10. **Proctor, B. Tech. Student's counsellor** at KIET and KEC, 2004-2012.

EDUCATIONAL QUALIFICATIONS:

1. **Ph.D. in Electrical Engineering:** January 2012 from *Electrical Engineering Department, Jamia Millia Islamia, Central University, New Delhi*.
“A Soft Computing Approach to Voltage Collapse Forecasting and Mitigation of Power System”
2. High School from *M.P. Board, Bhopal*, 1986. **First position in class.**
3. Higher Secondary from *M.P. Board, Bhopal*, 1988.
4. B. Sc. Engg. (B. Tech.) Electrical Engineering from *A.M.U. Aligarh*, 1993.
5. M. Sc. Engg. (M. Tech.) Power Systems and Drives, *A.M.U., Aligarh* 1997.

PATENT PUBLICATION, Title of the invention

“A Controller circuit for damping of power oscillations and for prevention of power system collapse”

The Patent Office Journal, India, 04/10/2013, ISSUE No. 40/ 2013.

ACHIEVEMENTS:

1. Considered for inclusion in the Marquis **Who's Who in the World®**. 22nd Edition, 2004.
2. Qualified GATE in 1994.
3. Received Best scholar award at graduation level in hostel.
4. Received GATE P.G. Scholarship @ Rs. 1800/-p.m. during M. Sc. Engg.
5. Received IIT Delhi Institute teaching assistantship @ Rs. 10,000/- p.m.
6. Selected as Volunteer for the **IEEE** International Conference on Systems, Man & Cybernetics, October 5-8, 2003, *Washington, USA*.
7. Selected for student scholarship at International Conference, HiPC 2002 & 2003.

SEMINARS, CONFERENCES, WORKSHOPS ATTENDED:

1. “Rooftop Solar Grid Engineer”, Training by National Institute of Solar energy (NISE), with EE department Jamia Millia Islamia, New Delhi. 11th February to 21st February, 2019.
2. **IEEE** Delhi section organized FDP on “Whole Brain Teaching and Learning”, *Bharati Vidyapeeth ICAM*, New Delhi, 15th July, 2017.
3. Workshop on Hybrid Vehicle Design and Development, Imperial Society of Innovative Engineers (ISIE), 4-5 July, 2015. *Maharaja Surajmal Institute of Technology, New Delhi*.
4. National Conference, “Quality standards of private technical educational institutions”, *Manav Rachna International University (MRIU)*, 4th May 2013.
5. National workshop on "SCADA and Industrial Automation", organized by *Galgotias College of Engineering & Technology*, Greater Noida on November 12-13, 2013.
6. AICTE staff development program, *EE Department, DTU*, Delhi, 11-22 July 2011. (two weeks)
7. **IEEE** Smart Grid Workshop, EE Department, JMI, New Delhi, 10-02-2011.
8. **IEEE** Delhi section organized FDP on “Leveraging Technology for Quality Education” at *Bharati Vidyapeeth ICAM*, New Delhi. 28th May, 2011.

9. ETAP seminar on Overview & New features, New Delhi, September 2010.
10. ISTE sponsored Short Term Training Programme on "AUDIOTRONICS", at *Lingaya's Institute of Management & Technology (LIMT)*, Faridabad, 16-20 July, 2008. (One week)
11. National Workshop on "Intelligent Systems (IS-2007)", 2-6 July 2007, *Hindu College of Engineering, Sonipat*. (one week)
12. National Conference on Energy, Communication and Computer Systems, NC-ECC 2006, February 2-4, 2006.
13. AICTE sponsored "Staff Development Program", *Career Institute of Technology & Management (CITM)*, Faridabad, 4-15 July 2005. (two weeks)
14. IEEE Workshop on "Application of Power Electronics to electric Utilities and Motor control", *IIT Delhi by Prof, Ned Mohan, Minnesota, USA*, 29-30 March, 2005.
15. IEEE Workshop attended at *IIT Delhi*, "Recent Advances in Power Quality", 21st December 2005.
16. AICTE sponsored "National Seminar on Environmental & Pollution Awareness", *KIET, Ghaziabad* on 22nd July 2004.
17. International Conference on High-Performance Computing, 18-12-2002.
18. IEEE Delhi Section organized International symposium on "Convergence in Semiconductors, Power, Information Technology, Communications and Entertainment (SPICE). 1-3 November 2001, *INDIA HABITAT CENTRE*, under chairmanship of Prof. R. Balasubramanian, *CES, IITD*, New Delhi.
19. NCC CADET Annual Training Camp Junior Div. (Army Wing) at Pandhana, 01-10 November 1985.

B.TECH. FINAL YEAR PROJECTS GUIDED:

Fourteen graduation projects guided.

PAPERS PUBLISHED:

1. Fouzul Azim Shaikh, Zaheeruddin, M S Jamil Asghar, "Computational Intelligence and Voltage Stability Analysis for Mitigation of Blackout", *International Journal of Computer Applications*, U.S.A. Pages 6-11, Volume 16– No.2, February 2011.
2. Fouzul Azim Shaikh, Dhananjay Gautam, Neelotpai Pandey, Deepak Singh, "International Grid: New Way to Prevent Blackouts", *International Journal of Computer Science and Informatics*. Pages 43-47, Vol-1, Issue-4, 2012.
3. F. A. Shaikh, Ramanshu Jain , Mukesh Kotnala, Nickey Agarwal, "New Techniques for the Prevention of Power System Collapse", *International Journal of Electrical and Electronics Engineering (IJEET)* 2012, Vol-1, Issue 3, pages 123-129.
4. F. A. Shaikh, Mohammad Saad Alam, M.S.J. Asghar and Furkan Ahmad, "Blackout Mitigation of Voltage Stability Constrained Transmission Corridors through Controlled Series Resistors", *International Journal Recent advances in Electrical & Electronics Engineering*, **U.K.**, Volume 11, Issue 1, 2018. *Scopus indexed*.

5. Fouzul Azim Shaikh, "Role of Software's for Electrical Engineering Students", *International Journal of Engineering Technology and Computer Research (IJETCR)*, Volume 5; Issue 1; February 2017; Page No. 70-75.
6. Fouzul Azim Shaikh, "Need of ANN Engineering for Evaluation and avoidance of Power Systems Blackout", *International Journal of Engineering Technology and Computer Research (IJETCR)*, Volume 5; Issue 1; Jan-Feb 2017; Page No. 50-54.
7. Fouzul Azim Shaikh, "Voltage Instability Analysis Using Neplan[®]", *International Journal of Engineering Technology and Computer Research (IJETCR)*, Volume 5; Issue 1; January-February 2017; Page No. 55-61.
8. Fouzul Azim Shaikh, "Neural Networks Applications for Balancing of Reactive Power between Generating and Demand Points", *International Journal of Engineering Technology and Computer Research (IJETCR)*, Volume 5; Issue 1; February 2017; Page No. 62-69.
9. Fouzul Azim Shaikh, "Reliability Analysis of Power Systems Using Neural Network", *International Journal of Engineering Technology and Computer Research (IJETCR)*, Volume 5; Issue 2; April: 2017; Page No. 85-92.
10. Fouzul Azim Shaikh, "Need of Interaction between Author and Related Fellow Working in that Field of Paper", *International Journal of Engineering Technology and Computer Research (IJETCR)*, Volume 5; Issue 2; April: 2017; Page No. 93-96.
11. Fouzul Azim Shaikh, "Computational Intelligence for Mitigation of Blackouts", *International Journal of Engineering Technology and Computer Research (IJETCR)*, Vol-5; Issue 2; April: 2017; Pages 97-102.
12. Fouzul Azim Shaikh, "Increasing Interest of Power Engineering Students with Powerworld[®] Simulator and Soft Computing Techniques", *International Journal of Engineering Technology and Computer Research (IJETCR)*, Volume 5; Issue 3; May-June: 2017; Page No. 146-150.
13. Fouzul Azim Shaikh, "Power System Grid Blackout Mitigation Using Branch Participation", *International Journal of Engineering Technology and Computer Research (IJETCR)*, Volume 5; Issue 3; May-June: 2017; Page No. 151-155.
14. Fouzul Azim Shaikh, "New Techniques for Prevention of Power System Collapse", *International Journal of Engineering Technology and Computer Research (IJETCR)*, Volume 5; Issue 3; June: 2017; Page No. 156-160.
15. Fouzul Azim Shaikh, Balasubramanian R, "Evaluation of Voltage Stability of Power Systems Using Neuro-Fuzzy Techniques". *International Conference HiPC*, 18-21 December 2002.
16. Fouzul Azim Shaikh, Balasubramanian R, "Neural Networks Technique Applicability for Voltage Stability of Power Systems". *IEEE International Conference on Systems, Man & Cybernetics*, October 5-8, 2003, Washington, D.C., USA. Vol., Pages 780-785.
17. Fouzul Azim Shaikh, Balasubramanian R, "ANN Based Voltage Stability Enhancement by Shunt Support". *International Conference on High-Performance Computing (HiPC)*, 17-20 December 2003.
18. Fouzul Azim Shaikh, Arpit Narain, Mohammad Islam, "Need of ANN Based Voltage Instability Analysis for Power Systems", *National Conference NC-ECC 2006*, MAIT, Delhi, February 2-4, 2006.

19. F. A. Shaikh, Gajendra Singh, Anuj Tripathi, Sidharth Shukla, "Balancing of Reactive Power Between Generating and Demand Points Using Neural Networks", *International Conference on Recent Advancements and Application of Computer in Electrical Engineering*, India. March 24, 2007.
20. Fouzul Azim Shaikh, Zaheeruddin, M. S. Jameel Asghar, Gajendra Singh, "Soft computing techniques and role of power world® simulator for forecasting and mitigation of power system blackout", *IEEE International Conference on Computational Intelligence and Multimedia Applications*, 2007. 13-15 Dec. 2007, Page(s): 341-346.
21. Fouzul Azim Shaikh, G Singh, V S Gupta, Vahadood Hasan, Zaheeruddin, M. S. Jameel Asghar, "Necessity of Computational Intelligence Approach for Mitigation of Power System Blackout", *National conference on Emerging Trends in IT and its Application for Technology and Management Education*, Alwar, Rajasthan, May 2008.
22. Fouzul Azim Shaikh, Zaheeruddin, M. S. J. Asghar, Sumit Kumar, "Blackout prevention considering losses and causes", *International conference of Science and Engineering (ICSE)*, Rohtak, 21-23 Jan, 2011.
23. Fouzul Azim Shaikh, Zaheeruddin, M. S. Jamil Asghar, "Application of computational intelligence to prevent power system from blackouts", *National Conference on Recent Advances in Computational Techniques in Electrical Engineering (RACTEE)*, 25-26 Feb 2011.
24. Fouzul Azim Shaikh, Dhananjay Gautam, Neelotpal Pandey, Deepak Singh, "New Route to Blackout Free Globe with the Introduction of International Grid", *National Electrical Engineering Conference (NEEC)*, DTU, Delhi. Pages 1-4, 16-18 Dec. 2011.
25. F. A. Shaikh, Ramanshu Jain, Mukesh Kotnala, Nickey Agarwal, "New Techniques for the Prevention of Power System Collapse", Dec. 2011. *National Electrical Engineering Conference (NEEC)*, DTU, Delhi.
26. Edwin B. Cano, Fouzul A. Shaikh, "Reduced and Approximate Models of Philippine Major Island Power Grids," *IEEE International Conference on Power, Energy and Control (ICPEC)*, Feb. 6-8, 2013. Pages: 733-739.
27. Shashank Tyagi, Fouzul Azim Shaikh, "Collision Warning System for Low Cost Vehicles", *IEEE Sponsored National Conference On Energy, Power and Intelligent Control System*, GCET, India, 28-29 March, 2014.

PERSONAL INFORMATION:

1. Present Address: Dr. Fouzul Azim Shaikh,
B-23, First Floor, Hazrat Nizamuddin (West), New Delhi, 110013.
2. Permanent Address: Dr. Fouzul Azim Shaikh, c/o Moulana Yusuf Siloni,
168, Hazrat Nizamuddin, New Delhi, 110013.
3. Date of Birth: 02-04-1971