

DR. IKRAM ULLAH

PHD(ELECTRICAL ENGINEERING)



Rawalpindi, Pakistan
ikramullah_73@yahoo.com
28-02-1973
+923105226875

EXPERIENCE

Twenty five years industrial experience

- Control & Automation Projects. Technical Reports Preparation .
- Repair & Maintenance of Electronic Equipments.
- Micro-Controller based Development Projects.
- Supervision of Electrical & Electronic projects.
- Quality Control Implementation and Human Resource Management.
- Patient Bed Controller Design. Repair and Maintenance of Patient Beds.

RESEARCH INTERESTS

- Harmonics Mitigation Techniques.
- Active Power Filters.
- Synchronization of Power Signals using PLL.
- Power Quality Improvement.
- Active and Passive Power Factor Improvements Techniques.
- Low Pass and High Pass Filters, Tracking Filters.
- Power Factor Improvement of AC Drives.
- Frequency and Phase Estimation under Distorted Grid Conditions.

PUBLICATIONS

- Ikramullah, M. Ashraf, "Comparison of Synchronization Techniques under Distorted Grid Conditions," IEEE ACCESS, vol. 7, pp. 101345-101354, 2019.
- Ikramullah, M. Ashraf, "Sliding mode control for performance improvement of shunt active power filter," SN Applied Sciences, vol. 1, pp. 531, 2019.
- Ikramullah " Synchronization of Active Power Filters", International Journal of Robotics and Control Systems, 2021.
- Ikramullah, M. Ashraf, Abdur Rehman, "Performance Analysis of Current Injection Techniques for Shunt Active Power Filter," IOP Conference Series: Earth and Environmental Science, vol. 168, pp. 012014, 2018.
- Ikramullah, M. Ashraf, Abdur Rehman, "Comparison of Reference Current Generation Techniques for Shunt Active Power Filter," 2018 5th International Conference on Electrical and Electronic Engineering , vol. 5, pp.62-66, 2018.

EDUCATION

Capital University of Science & Technology, Islamabad

2021 | PhD in Electrical Engineering (3.45 / 4.00 CGPA)

Capital University of Science & Technology, Islamabad

2015 | Master's in Electronics Engineering (3.07 / 4.00 CGPA)

University of Engineering and Technology, Peshawar

1997 | Bachelors in Electrical Engineering (76.9%)

F.G. Sir Syed College, Rawalpindi

1991 | Fsc Pre - Engineering (78%)

Sir Syed Public School, Rawalpindi

1989 | Matric in Science (83.6%)

TECHNICAL SKILLS

- Development of Simulation Models using MATLAB/SIMULINK.
- Simulation of Electronic Circuits in Proteus.
- Use of OrCAD and Microsoft Visio.
- Filter Designing using Filter CAD.
- Technical Writing using Latex.