



POWER QUALITY MANAGEMENT: ISSUES, IMPACT & SOLUTIONS

DATE: 12 NOVEMBER, 2026

VENUE : PRODUCTIVITY HOUSE

TIME : 9.30 AM - 4.30 PM

INTRODUCTION

Power quality is now a decisive factor in industrial performance. Voltage sags, swells, harmonics and transients often go unnoticed, yet they erode productivity, shorten equipment life and raise operating costs through losses, downtime and rejected production.

This programme on "Power Quality Management: Issues, Impact & Solutions" explains how power quality problems arise, how they affect electrical system reliability and energy efficiency, and how to correct them. Through lectures, demonstrations, practical exercises and real-world case studies, participants learn to identify root causes, assess cost impact and apply solutions such as harmonic mitigation and reactive power compensation.

By the end, participants will be better equipped to improve system reliability, reduce downtime, raise productivity and lower energy and operating costs, ensuring a reliable, high-quality power supply that supports both economic and environmental sustainability.

COVERAGE

- Power Quality Basics and Key Parameters
- Impact of Power Quality on Energy Cost and Productivity
- Electrical System Reliability and Equipment Life
- Power Quality Standards and Regulations
- Voltage Sags, Swells and Transient Disturbances
- Harmonics and Inter-harmonics: Causes and Mitigation
- Power Factor Correction and Its Impact on Power Quality

FEE PER PARTICIPANT

- Members of KSPC - Rs. 2,000-
- Non-members - Rs. 2,200/-
- GST @ 18% Extra

Special discount of 10% will be offered, if 2 or more nominations from the same organization.

LINK FOR REGISTRATION

[https://www.kspconline.com/
programmes/details/717](https://www.kspconline.com/programmes/details/717)



FACULTY



MR. JOHNY P A

Power Quality Expert & Engineering Consultant. An Electrical Power Systems Engineer with more than 50 years of professional experience in power generation, transmission, distribution, and power quality

engineering. He holds an M.Tech in Electrical Power Systems Engineering and is a certified Power Quality Expert, Energy Manager, and Energy Auditor. His expertise includes harmonic analysis and mitigation, harmonic filter design, power quality audits, reactive power compensation, and energy management. He has served in senior engineering roles at Kerala State Electricity Board (KSEB) and Saudi Electricity Company (SEC), Saudi Arabia.

WHO SHOULD ATTEND?

Facility Managers, Energy Managers, EHS Officers, Electrical Engineers, Supervisors, Maintenance Technicians, Plant Operators, Procurement and Management Personnel.

GENERAL

- Well prepared course material will be supplied
- Lunch & refreshments will be served
- Participation certificate will be issued

**LAST DATE FOR REGISTRATION
10-11-2026**

For more details :

Phone: 0484-2555526

8547897526, 8304845830

Email: mail@kspconline.com

kspckalamassery@gmail.com